


Progress Report | UNESCO Chair, University of Brescia | Reporting year 2022

Title of the Chair	<i>Training and empowering human resources for health development in resource-limited countries</i>
Host	University of Brescia, Italy Website: https://www.unibs.it/ricerca/unesco-chair-cattedra-unesco
Date of establishment of Chair	Established on 4 March 2014 Renewed on September 13th 2022 until 4 March 2026
Period of Activity under report	January – December 2022
Report Established by	Prof. Francesco CASTELLI – Chairholder 

1. Executive Summary

Major outcomes, results and impact of the Chair, including on national policies, in relation to its objectives as stated in Article 2 of the Chair Agreement (between the Institution and UNESCO - Not exceeding 300 words)

The UNESCO Chair has continued to actively organize and sponsor post-graduate training courses in Global Health and International Cooperation. These include the TropEd-accredited Course in Global Health and the TropEd Master in International Health. Notably, in 2022, the second edition of the "Migration and Health: a world on the move" course was held in Montisola, Italy. The course was sponsored by ESCMID and endorsed by numerous international organizations focused on migrations. The Advanced Course had more than 50 professionals from all over Europe in attendance and featured contributions from international experts, including teachers, researchers, and policymakers. On the research side, in addition to continuing studies in the field of infectious diseases and migration medicine in Brescia, noteworthy is that the UNESCO Chair is the principal investigator of the research project "REACH", co-financed by the Italian Agency for Development Cooperation and the Global Fund. The goal is to contribute to the fight against HIV in rural communities in Mozambique. In parallel, the UNESCO Chair, in partnership with SAVE University of Mozambique, has implemented the project "One Student for his Community", aiming at training university students of Mozambique in the community health approach. Furthermore, in 2022, the Chairholder visited the HopeXChange Medical Centre in Kumasi, Ghana to enhance relations with local medical and management staff. The visit included a one-day training session on infectious diseases for healthcare personnel. Plans were made for future collaborations in education and research support.

The Italian UNESCO Chairs have achieved a major milestone and new starting point for their transdisciplinary collaboration through the formulation and signing of the Agreement of the Network of Italian UNESCO Chairs and UNITWIN (Rete delle Cattedre UNESCO e UNITWIN Italiane - ReCUI), which represents an evolution of the project: "Dialogues of UNESCO Chairs: a laboratory of ideas for the world to come."

1. Activities:

Overview of activities undertaken by the Chair during the reporting period

a. Education/Training/Research

(key education programmes and training delivered and research undertaken by the Chair during the reporting period, target group and geographical coverage)

<p>EDUCATION (LEADING TO CERTIFICATE ONGOING ACTIVITY)</p> <p>Graduate Course on Global Health</p>	<p>In 2022, the Chair has organized the annual edition of the Post-Graduate Course on Global Health, coordinated by the Chairholder Prof. F. Castelli and by Prof. A. Matteelli. The Course is recognized as the Core Course of the TropEd European Master in International Health (www.troped.org). The post-graduate course in Global Health has recently been accredited by TropEd for a further period of 5 years, starting from October 2021. The course lasts for 14 weeks and awards 20 ECTS European credits, with a total of 600 SIT divided into 302 hours of face-to-face learning and 298 hours of self-study and group work. The course is composed of the following 5 modules:</p> <ul style="list-style-type: none"> • Introduction and orientation • Public policies for global health • Basic epidemiology and research methods • International cooperation and migration health • Global burden of diseases, health problems, and response. <p>Many Professors from International Institutions and Organizations, such as TropEd Universities, WHO, and National and International NGOs, participated in the Course. A post-graduated certificate is issued at the end of the Course. The Program of the 2022 Course (February – June 2022) is attached (Annex 1). In 2022, 17 students (physicians, nurse, midwives) attended the Course and were awarded the final Certificate with 20 ECTS (European Credit Transfer System).</p> <p>The UNESCO Chair of the University of Brescia annually offers a full scholarship for healthcare professionals from LMICs. In 2022, Dr. François-Xavier Manirakiza won the UNESCO Chair’s scholarships and successfully participated in the Course. Thanks to the contribution of Doctors Without Borders Italy (MSF Italia), in 2022 there was the opportunity to offer a second scholarship, which was given to Ms Nicole Kamariyagwe.</p>
<p>EDUCATION (LEADING TO CERTIFICATE ONGOING ACTIVITY)</p> <p>Master in International Health</p>	<p>The UNESCO Chair actively contributes to the planning and running of the Master's Degree Course in International Health offered by the University of Brescia since 2019 and belonging to the TropEd network offers the opportunity to undertake a curricular course of advanced training in International and Global Health, focusing on the factors that influence the health of all human populations, and in particular on health problems related to poverty in low- and middle-income countries. The proposed training will contribute to the education and teaching of sustainable development principles for improved management, delivery</p>

	and quality of health services in low resource countries. At the end of 2022, 13 students were enrolled in the Master's program.
Training (LEADING TO CERTIFICATE) Migration and Health: a world on the move - Montisola	<p>The European Society of Clinical Microbiology and Infectious Diseases (ESCMID) sponsored the organization of the Post-Graduated Course in Migration Health in September 2022 proposed by the UNESCO Chair of University of Brescia, together with the International Society of Travel Medicine (ISTM), ESGTIM, McGill University, Montreal, Canada and St George University of London, UK.</p> <p>From 26 to 30 September 2022, a higher education course in the field of migration medicine was held in hybrid-format, where international leading academic experts, policy-makers and activists participated as faculty. Overall, 53 students from different backgrounds and from all over Europe attended the course accredited with 35 CME Credits (Residential Course) and for 50 CME Credits (FAD-Webinar). The advanced training course has received the sponsorship and participation of many important realities engaged on the theme of migration, including the Italian Society of Migration Medicine (SIMM), Italian Society of Tropical Medicine and Global Health (SIMET), Italian National Institute for Migration and Poverty (INMP), Institute for Economic and Employment Studies (I.S.E.O.). (Annex 2)</p> <p>(Link available: ESCMID: Migration and Health: a world on the move; Corso "Migration and Health: a world on the move" UNIBS)</p>
Training (LEADING TO CERTIFICATE ONGOING ACTIVITY) Summer School in International Cooperation	<p>The 2022 Summer School in International Cooperation, co-organize by the "Giuseppe Tovini Foundation" and "Museke ONLUS", in collaboration with UNESCO Chairs of University of Brescia and Catholic University, Brescia, was held from 5th to 9th of September 2022, for a total of 40 hours. The Chairholder of the UNESCO Chair of University of Brescia Francesco Castelli together with the Chairholder of the UNESCO Chair of Catholic University were the Directors of the course. The aim of the course is to increase the knowledge of international cooperation strategies in order to reflect on the pedagogical paradigm implemented for the promotion and integral development of people. acquiring skills and tools useful for the implementation of international cooperation activities. (Annex 3)</p>
Research	<p>The Brescia UNESCO Chair carries out research in the following fields:</p> <ul style="list-style-type: none"> • Migration medicine • Health in Low-Middle income countries • Poverty-related diseases including HIV/AIDS, tuberculosis and malaria <p>Please, find attached (Annex 4) the list of peer-reviewed papers and books' chapters published in 2022 by the Chairholder prof. Francesco Castelli and other staff of the Chair.</p>

**Ongoing Operational Research in LMICs:
“PROTEGGIMI”**

The project aims to strengthen and expand decentralized HIV prevention, diagnosis, and treatment services at the EU level, with a specific focus on preventing vertical HIV transmission and diagnosing and treating tuberculosis. In addition, the project includes an essential component of community awareness. Cross-cutting activities are also planned, including training and on-the-job training of health workers in HIV and maternal-child transmission. The project is directed and promoted by the NGO Medicus Mundi Italia, with which the UNESCO Chair of the University of Brescia partners and coordinates operational research activities. The project is co-financed by the Italian Agency for Development Cooperation and the Global Fund. (Link available: [Mozambico - PProTeggiMI - Medicus Mundi Italia](#))

**Ongoing Operational Research in LMICs:
“REACH”**

The UNESCO Chair of the University of Brescia is leading a research project called "REACH," which is co-financed by the Italian Agency for Development Cooperation and the Global Fund. The aim of this project is to contribute to the fight against HIV in remote communities in Mozambique by implementing innovative identification and linkage to care systems for HIV patients in the Inhambane Province of Mozambique.

The research activities being carried out include a study of the diagnostic pathways of HIV in pediatric patients at risk of vertical transmission in rural areas, monitoring the effectiveness of treatment in HIV+ patients followed by mobile clinics, and implementing and evaluating an innovative mobile health strategy to increase adherence to treatment of patients with HIV infection.

Moreover, the project involves creating and implementing an electronic system for the systematic collection of clinical data of patients with HIV infection in Brigadas Móveis and TARV Móveis, introducing electronic geolocation systems, and conducting a qualitative survey to collect demographic and epidemiological data on beneficiary communities. The survey aims to analyze the social determinants and main challenges to access health services for the development of targeted health strategies. (Link Available: [Mozambico - REACH - Medicus Mundi Italia](#))

**Ongoing Operational Research in LMICs:
“A student for his community”**

The UNESCO Chair of the University of Brescia, in collaboration with the MUSEKE Foundation and the NGO MEDICUS MUNDI ITALIA, is spearheading the "A Student for His Community" project. This initiative aims to train university students enrolled in health courses at the FACSAD faculty (UNISAVE) in the province of Inhambane, Mozambique,

	<p>and postgraduate students in Infectious and Tropical Diseases at UNIBS, in the community health approach and the impact of health determinants on the health status of their own territory, through an integrated and multidisciplinary approach.</p> <p>The Mozambican health professions students will undergo an internship period in rural communities, where they will conduct health promotion and awareness-raising activities, as well as screening and prevention of the primary determinants of health. The students will progressively gain awareness of the health issues and social risk factors present in the rural communities involved. At the same time, rural families will benefit from ongoing public health monitoring and health training. (Link available: “Uno studente per la sua comunità”: un approccio formativo e di incontro tra gli studenti sanitari e la comunità rurale del Mozambico – Fondazione Museke Onlus)</p>
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b. Conferences/Meetings <i>(key conferences and meetings organized by the Chair or to which its Chairholder contributed)</i>	
Key conferences and workshops hosted by the Chair	<p>Migration and Health: a world on the move - Montisola</p> <p>The European Society of Clinical Microbiology and Infectious Diseases (ESCMID) sponsored the organization of the Post-Graduated Course in Migration Health in September 2022 proposed by the UNESCO Chair of University of Brescia, together with the International Society of Travel Medicine (ISTM), ESGTIM, McGill University, Montreal, Canada and St George University of London, UK. See the section a for further details. (Link available: ESCMID: Migration and Health: a world on the move; Corso "Migration and Health: a world on the move" UNIBS)</p> <p>VII CUCS Congress Naples 2022 University Cooperation in the New Challenges for Sustainable Development. April 21-23, 2022</p> <p>The 7th Conference of the CUCS network (University Coordination for Development Cooperation, a network of 30 Italian universities) was organized by the University of Naples "Federico II" and "L'Orientale", held in Naples from April 21-23, 2022.</p> <p>This conference originated from the academic world, with a particular focus on young people and students, to address all actors in international cooperation, proposing to facilitate the building of networks, mutual exchange, synthesis of experiences and concepts, innovation development, and dissemination of knowledge through the mechanisms and procedures of Open Science, so that the North and South of the world can together tackle the challenges posed by the sustainability of cities, lands, and food, climate and health, oceans and inland waters, energy, etc., in the new context of the multipolar world and the so-called Industry 4.0 in pandemic and post-pandemic times. Universities, together with all actors in development cooperation, intend to</p>

increasingly strengthen the dialogue and exchange between the North and the South of the world in a logic of co-design and knowledge sharing to promote and implement strategies, policies, and actions starting from the three pillars of their activity: research, training, and know-sharing or third mission, contributing to "strengthen the means of implementation and renew the global partnership for sustainable development" (Goal 17 of the SDGs). The UNESCO Chair at the University of Brescia organized the session "**Health Cooperation: New challenges in health training and research cooperation**" in which six inter-university health cooperation projects and six posters were presented. (Link available: [CUCS Napoli 2022 – CUCS \(retecucs.it\)](https://www.cucsnapoli.it/2022-01-20-cucs-retecucs-it/)) (Annex 5)

Advocacy as participatory intervention in the fight against schistosomiasis: a multi-country project

We implemented a multi-country project to raise awareness for schistosomiasis on the occasion of the 2022 Neglected Tropical Diseases (NTD) day. The initiative, promoted by BNITM and the Italian NGO "Comunità Volontari per il Mondo" with the sponsorship of the Brescia UNESCO Chair, aimed to advocate for this poverty-related disease, which is highly neglected by the global health agenda, and which affects populations, especially in tropical and rural areas. The project was conducted in two endemic (Senegal and Madagascar) and two non-endemic (Italy and Germany) countries, involving school-aged children in awareness activities on schistosomiasis. Trained volunteers from the healthcare sector or non-governmental organizations conducted information sessions, and the children were asked to draw about schistosomiasis after the session. We produced a three-minute video to disseminate the activity and multiply the advocacy echo through social media distribution. The project involved 15 volunteers in five schools and 220 students between December 2021 and February 2022, resulting in the production of 71 drawings in Senegal and 10 in Italy. In Brescia, we conducted the advocacy activity on schistosomiasis on December 17th at the "Bangerang" after-school program, where, after an explanation of the disease and its causes, 15 children between the ages of 11 and 14 from different geographical areas (mostly North Africa, Sub-Saharan Africa, and Southeast Asia) were asked to draw a picture that could help prevent the disease. After a week, they were asked to explain their drawings. On the NTD day, the three-minute video was released on social media through official channels of the involved organizations. This project highlights the potential of community-based participatory approaches to promote health awareness and to cross barriers between endemic and non-endemic countries. (Link available at: <https://www.unibs.it/it/ateneo/comunicazione/tutte-le-news/giornata-mondiale-delle-malattie-tropicali-neglette-30-gennaio>)

<p>2. Other conferences or organizational activities undertaken by the Chairholder</p>	<p>First Regional meeting UNESCO Chairs & Centers for South East Europe and the Mediterranean", UNESCO Regional Bureau for Science and Culture in Europe, Venice, Italy, 26-28 October 2022</p> <p>The meeting sought to bring their in-depth expertise and knowledge to confront the most pressing science-related and environmental issues for the region. It brought together chair holders and centre directors from 9 different countries to strengthen the UNESCO science networks in the region. During the meeting, participants had the occasion to discuss with other experts from their action area, to reflect on intersectorial and interdisciplinary approaches for Chairs and Centres, and to discuss together how to tackle challenges at a national, regional, and international level. All the recommendations of the Science-related UNESCO Chairs and Centres of South-East Europe and the Mediterranean were summarized in a Declaration at the end of the meeting. (Annex 6) (Link available: First Regional Meeting of Science-related UNESCO Centres and Chairs for South-East Europe and the Mediterranean UNESCO)</p> <p>Research Matching Events - UNITA - Universitas Montium, Tourin, Italy, 25-28 October 2022</p> <p>The Research Matching Events, organized by the University of Turin in collaboration with the European University Alliance UNITA - Universitas Montium, were held from October 25th to 28th, 2022. During the four-day event, four main themes were discussed: migrations with a focus on European citizenship and health, aging population, artificial intelligence, and green technologies. Over 140 researchers from the 10 Alliance universities participated in the events. The event format was based on "research speed dating," with short meetings between researchers to create new relationships and share ideas and perspectives. The objective of the meetings was to create new collaboration networks and lasting international relationships to amplify the impact of work within the Alliance. The UNESCO Chair of the University of Brescia actively participated in the meeting on "Migration: European citizenship and health," on 25th of October, in which Chairholder Prof. Francesco Castelli gave a keynote speech on the topic. (Link available: - UNITA (univ-unita.eu))</p>
<p>3. A selection of conference presentations by the Chairholder</p> <p><i>(Note: only presentations relevant to the</i></p>	<p>Please, see the Annex 7.</p>

chair's mission are reported)	
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c. Interuniversity Exchanges/Partnerships (principal exchanges/partnerships between the Chair and other institutions including UNESCO Chairs/UNITWIN Networks)	
Inter-institutional agreement between the University of Brescia and SAVE University, Mozambique	<p>A cooperation agreement between the University of Brescia and Save University (Mozambique) was signed at the Rectorate in Chongoene, Xai-Xai in June 2022. The agreement will reinforce, in academic, teaching and research terms, the historical ties existing between the UNESCO Chair of University of Brescia and Mozambique, whose university student population is growing rapidly. (Annex 8)</p> <p>The UNESCO Chair of the University of Brescia is promoting the project "A student for his community" together with the MUSEKE Foundation and the NGO MEDICUS MUNDI ITALIA. The aim of the project is to train university students enrolled in health courses at the FACSAD faculty (UNISAVE), in the province of Inhambane, Mozambique, and postgraduate students in Infectious and Tropical Diseases at UNIBS in the community health approach and in the knowledge of the influence of health determinants on the health status of their own territory, through an integrated and multidisciplinary approach.</p> <p>The Mozambican health professions students will undertake an internship period in rural communities, where they will be able to carry out health promotion and awareness-raising activities, as well as prevention and screening of the main determinants of health. The students will be progressively sensitized to the health issues and social risk factors of the rural communities involved, while rural families will benefit from ongoing public health monitoring and health training for them.</p>
Collaboration with Kwame N’Krumah University of Science and Technology (KNUST, Kumasi, Ghana) and HopeXChange Medical Centre (HXMC)	<p>On 26th October 2017 the University of Brescia (UNIBS) and Kwame N’Krumah University of Science and Technology (KNUST) signed an MoU for developing and enhancing health research activities on Tropical Diseases, and more generally, on Health. (Annex 9) The UNESCO Chair and the Department of Tropical and Infectious Diseases of the University of Brescia started operating in Kumasi in May 2016. In line with this initial MoU, all along 2018 and 2019, a research project about “Malaria and Gender” has been conducted by a UniBS PhD student.</p> <p>The implementation of the study has been accompanied by multiple visits by the senior academic staff of UniBS – UNESCO Chair, who also has provided formal and informal training activities to local staff and students. The study results have been already presented at the annual meeting of the Italian UNESCO Chairs (Quaresima V. et al. <i>Is Plasmodium falciparum</i> malaria incidence</p>

	<p>and severity in holo-endemic areas affected by gender? Good Health, Quality Education, Sustainable Communities, Human Rights, Florence University Press, 2019, pag. 57-68) and published in an international peer-reviewed Journal (Tropical Medicine and Infectious Diseases).</p> <p>In May 2022, the Chairholder and two members of the UNESCO Chair visited the HopeXChange Medical Centre (HXMC) in Kumasi, Ghana, in order to strengthen relations with local medical and management staff. During the visit, a one-day training session on Hospital Infections and COVID-19 was held for healthcare personnel (doctors, nurses, laboratory technicians), providing training credits. Future collaborations in education and research support were planned. (Annex 10)</p>
<p>Inter-institutional agreement 2020-2023 between the University of Brescia and Kwame Nkrumah University of Science and Technology</p>	<p>The University of Brescia, Italy and Kwame Nkrumah University of Science and Technology, Ghana, agree to cooperate for the exchange of students and staff in the context of the Erasmus+ programme.</p> <p>In May 2022, the Chairholder and two members of the UNESCO Chair visited KNUST University, Kumasi, Ghana, in order to forge relations with the International Programme Office to organize the international exchange of students and teaching staff.</p> <p>The meeting was fruitful and thematic areas of interest were defined. Four KNUST PhD and Master's students have arrived to undertake their 6-months international exchange period at the University of Brescia from December 2022. One PhD student from UNIBS will leave for her international exchange at KNUST in April 2023. An international teaching exchange by academia faculty both from UNIBS and KNUST will also take place between May and July 2023, where a teaching programme will be developed according to the needs expressed.</p>

<p>d. Publications/Multimedia Materials</p>		
<p><i>(major publications and teaching/learning materials)</i></p>		
<p>Tick relevant fields</p>	<p>Books (chapter)</p>	<p>5</p>
	<p>Peer-reviewed Scientific Article</p>	<p>28</p>
	<p>Thesis</p>	<p>15</p>
<p>Thesis</p>	<p>Please, refer to the Annex 11</p>	
<p>Publications <i>(Only international peer-reviewed publications are listed. UNESCO Chair</i></p>	<p><u>Books</u></p> <p>The Chairholder of the UNESCO Chair at the University of Brescia wrote the chapter "<i>The global drivers of migration</i>" of the book</p>	

<p><i>affiliation is mentioned where appropriated)</i></p>	<p>“Migration and health” Edited by Sandro Galea, Catherine K. Ettman, Muhammad H. Zaman, Chicago University Press, 2022</p> <p>The Chairholder has written the chapter titled "Relationships with Healthcare: the Spedali Civili of Brescia" in the commemorative book "40 Years of the University of Brescia," published by Brixia University Press in 2022.</p> <p>The Chairholder of the UNESCO Chair at the University of Brescia has written "Migration and unequal health: the impact of infectious diseases on the foreign population in Brescia," a chapter in the "Migrareport 2022" report edited by the Center for Initiatives and Research on Migrations at the Catholic University of the Sacred Heart of Brescia and published by Vita e Pensiero. Available at the following link: www.vitaepensiero.it</p> <p>The Chairholder wrote "International cooperation and development“, a chapter in the "Global Health Essentials" book, edited by Springer and Mario C. Raviglione, Fabrizio Tediosi, Beat Stoll, Simone Villa, Núria Casamitjana, and Antoni Plasència. (forthcoming)</p> <p>The Chairholder wrote "Human Resources for Health in Low- and Middle-Income Countries: Current Challenges to Achieve Universal Health Coverage", a chapter in the “Dialogues of UNESCO Chairs: a laboratory of ideas for the world to come” collection edited by Springer - Research for Development. (forthcoming)</p> <p><u>Peer-reviewed journal articles by the Chairholder</u></p> <p>Please, find the list of the peer-reviewed journal articles in the Annex 4.</p>
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e. Cooperation with UNESCO Headquarters, Field Offices

<p>Dialoghi delle Cattedre UNESCO: laboratorio di idee per il mondo che verrà – Dialogues of UNESCO Chairs: a laboratory of ideas for a world to come</p>	<p>The UNESCO Chair is partner of “Dialoghi delle Cattedre UNESCO: laboratorio di idee per il mondo che verrà – Dialogues of UNESCO Chairs: a laboratory of ideas for a world to come”. The Italian UNESCO Chairs started a process aimed at operating as a collective body, interacting and proposing themselves as a “community of knowledge”, and have drawn up a Declaration for sustainability and socio-ecological transition. (Annex 12) This Declaration is the result of a journey that began in the autumn of 2020 and that has seen the Italian UNESCO/United Nations Chairs develop an intense scientific dialogue through a series of webinars about environmental and social sustainability. The Declaration was launched at the Italian Ministry of Education on the 30th November 2021, together with the Italian Minister of Education, the Minister of Research and Stefania Giannini, UNESCO Deputy Director General for Education (Link available: Le Cattedre Unesco italiane incontrano i Ministeri dell’Istruzione e dell’Università e della Ricerca. Sul tavolo la sostenibilità e la transizione socio-ecologica - Le Cattedre Unesco italiane incontrano i Ministeri dell’Istruzione e dell’Università e della Ricerca. Sul tavolo la sostenibilità e la transizione socio-ecologica - Miur). Furthermore, the Declaration has been presented at the EXPO 2020 in Dubai, in January 2022 (Link available: International UNESCO Chairs Forum - Expo 2020 Dubai (uniud.it)). (Annex 13)</p>
<p>Network of Italian UNESCO Chairs and UNITWIN (Rete delle Cattedre UNESCO e UNITWIN Italiane - ReCUI)</p>	<p>The Italian UNESCO Chairs have formulated and signed the Agreement of the Network of Italian UNESCO Chairs and UNITWIN (Rete delle Cattedre UNESCO e UNITWIN Italiane - ReCUI), an evolution of the project: "Dialogues of UNESCO Chairs: a laboratory of ideas for the world to come". The signatory UNESCO Chairs agree that, in order to achieve the stated objectives, it is necessary to define the perimeter of joint activities and to have a representative organization that allows the Chairs to interact with national and international institutions in a coordinated and joint manner, while fully respecting the autonomy of the Chairs. The Agreement aims to strengthen interdisciplinary dialogue between the Italian UNESCO Chairs and UNITWIN through the establishment of a permanent network of dialogue as a forum for listening, discussion, exchange of good practices, research and project development, which</p>

	<p>can contribute to the growth of the country and the lines of action indicated by the Organization. The Network constitutes a community capable of developing, disseminating, transferring, and adapting national and international best practices and of adequately representing the members of ReCUI at national and international levels, with particular attention to sustainability dimensions and the achievement of the Sustainable Development Goals. The UNESCO Chair at the University of Brescia signed the agreement and became an active member of ReCUI on October 14, 2022. (Annex 14)</p>
<p>First Regional meeting UNESCO Chairs & Centers for South East Europe and the Mediterranean", UNESCO Regional Bureau for Science and Culture in Europe, Venice, Italy, 26-28 October 2022</p>	<p>The meeting sought to bring their in-depth expertise and knowledge to confront the most pressing science-related and environmental issues for the region. It brought together chair holders and centre directors from 9 different countries to strengthen the UNESCO science networks in the region. During the meeting, participants had the occasion to discuss with other experts from their action area, to reflect on intersectoral and interdisciplinary approaches for Chairs and Centres, and to discuss together how to tackle challenges at a national, regional, and international level. All the recommendations of the Science-related UNESCO Chairs and Centres of South-East Europe and the Mediterranean were summarized in a Declaration at the end of the meeting. (Link available: First Regional Meeting of Science-related UNESCO Centres and Chairs for South-East Europe and the Mediterranean UNESCO)</p>

f. Other

(any other activities to report)

- **Collaboration with the WHO CC, University of Brescia**
The Brescia UNESCO Chair actively interacted with the WHO Collaborating Centre (WHO-CC) on “TB/HIV joint activities and TB elimination strategy” (headed by Prof. Alberto Matteelli) which is hosted by the same Department at the University of Brescia.
- **The Fast-Track Cities initiative**
The Fast-Track Cities initiative was launched in 2014 and is a partnership between over 400 cities and municipalities around the world and four main partners, which include the International Association of Providers of AIDS Care (IAPAC), the Joint United Nations Programme on HIV/AIDS (UNAIDS), the United Nations Human Settlements Programme (UN-Habitat), and the city of Paris. To become a Fast-Track City, mayors or designated officials sign the Paris Declaration, which outlines a series of commitments to effectively combat the HIV, HBV, and HCV epidemics, as well as tuberculosis. In 2020, Brescia also joined the Fast-Track Cities network, with Mayor Emilio del Bono signing the treaty along with Bertrand Audoin, Vice President of the International Association of Providers of AIDS Care (IAPAC), and Francesco Castelli, Director of the Department of Infectious and Tropical Diseases at the University of Brescia - Spedali Civili and Chairholder of the UNESCO Chair at the University of Brescia.
In December 2021 and 2022, as well as during the "European Testing Week" in May 2022, the Municipality of Brescia, in collaboration with the Infectious Diseases Department of the Spedali Civili di Brescia, organized an event to promote HIV and HCV screening for the community. Healthcare staff, along with representatives of local organizations (NGOs), provided information on infection prevention and offered free, anonymous rapid testing for HIV and HCV on a mobile unit. The initiative proved highly popular, with over 500 people participating in rapid testing and seeking information from healthcare personnel. The screening proposal attracted people from different age groups and vulnerable populations, including sex workers and victims of trafficking. (Link available: [Brescia per le Fast-Track Cities | UNIBS](#); [Fast-track City | Comune di brescia](#))
- **Collaboration with the Italian NGO Medicus Mundi Italy**
Since 2014, the UNESCO Chair has been collaborating with the Italian NGO Medicus Mundi Italy, both at the local level through activities aimed at disseminating and promoting healthcare cooperation projects and providing information on global health issues, and at the international level, particularly in rural Mozambique, through capacity building projects and operational research in the field of infectious diseases.
- **Collaboration with the Fondazione Museke Onlus**
Professor Francesco Castelli, the holder of the Chair at the University of Brescia, has been serving as a General Advisor on the Board of the MUSEKE Foundation ONLUS since 2009. The Chair is collaborating with the MUSEKE Foundation in raising awareness, promoting, and educating on Cooperation approaches, both at the local and international level. Of particular mention is the recent project "A Student for his Community", which will take place in Mozambique in collaboration with MUSEKE, Medicus Mundi Italia, and the local University SAVE. The project aims to train health students in the principles of rural community health.

2. Future Plans and Development Prospects

(Outline of actions plan for the next biennium and short/medium and long-term development prospects. Please do not hesitate to refer to difficulties that the Chair has experienced - not exceeding 300 words)

Looking towards the future, the Chair's activities will continue to prioritize training in global health and capacity building for health personnel in resource-poor countries, with a particular emphasis on protecting the right to health for all, especially the most vulnerable.

At the international level, the Chair intends to strengthen mutual and equal exchange relationships with higher education institutions and local and international NGOs in LMICs countries. This is aimed at cooperating on SDGs in the health sector, primarily targeting the fight against major infectious and poverty-related diseases, such as HIV, tuberculosis, and malaria. In particular, the Chair will increase efforts to carry out capacity-building projects and operational research in low-resource settings with a high prevalence of infectious diseases, especially to protect the most vulnerable populations such as women, mothers, and children under five years old.

At the local level, the Chair will continue to address the health needs of the migrant population by providing scientific evidence on health pathways and conducting research projects on health equity. Due to one of the highest prevalence of foreign-born people on the national scale, this work is of paramount importance. Given the complex and increasing nature of migration, the Chair will adopt an integrated, multidisciplinary approach to address this humanitarian emergency. This will be achieved through education, training, and awareness programs targeted towards health professionals, students, and the general population. The Chair will also advocate for urgent actions in policies commitment and international cooperation, both locally and globally.

As 2022 marks the halfway point towards achieving the 2030 UN Agenda for SDGs launched in 2015, although significant progress has been made in several goals, challenges remain in achieving them by 2030. Therefore, the Chair is committed to actively participating in enhancing the transdisciplinary network of the Italian UNESCO Chair (ReCUI). The Chairs, each with specific expertise, will foster virtuous mutual exchanges, particularly with African partners. They will integrate the three dimensions of sustainability and treat them as a single argument to promote the transdisciplinarity of novel education systems.

Appendix

1. Human resources during the reporting period

The following staff of the University of Brescia and the Spedali Civili General Hospital of Brescia have contributed to the UNESCO Chair achievements:

at the School of Medicine:

Prof. Francesco Castelli, Rector and Full Professor of infectious diseases, Chairholder, University of Brescia

Prof. Alberto Matteelli, Full Professor of infectious diseases and director, WHO collaborating Centre on “TB/HIV joint activities and TB elimination strategies”, University of Brescia

Dr Silvio Caligaris, Medicus Mundi Italia

Dr Lina R. Tomasoni, head, unit for tropical diseases, Spedali Civili general hospital, Brescia and Medicus Mundi Italia

Dr Beatrice Formenti, Research Assistant, UNESCO Chair, University of Brescia

Dr Susanna Capone, MD, Unit of Infectious Diseases, Spedali Civili general hospital, Brescia

Dr Francesca Viola, Data manager, University of Brescia

Miss Claudia Binetti, Secretariat, University of Brescia

at the School of Engineering:

prof. Sabrina Sorlini, Professor of health engineering, university of Brescia

Prof. Roberto Ranzi, Professor of hydraulics and Rector’s Delegate for International Affairs

2. Financial Resources during the reporting period

HOST INSTITUTION*
PARTNER INSTITUTION
GOVERNMENT BODY
OTHER PUBLIC INSTITUTION/BODY
UNESCO
OTHER UN AGENCIES
IGO
NGO
INDUSTRY
OTHER PRIVATE

**The University of Brescia has always made available resources to allocate workshops and seminars, as well as my person/time*

During the year 2022, the following expenses were done:

- Research Scholarship: 18,000 €
- Two scholarships to attend the Course in Global Health: 12,000 €
- National and International Travel and Conference expenses: 3,780.64 €

Totaling: 33,780.64 €

At the end of 2022, the balance was: 15,686.93 €

Corso di Perfezionamento in Global Health
TropEd Core Course in Global Health
16th February - 26th May 2022

Time	Lecture title	Teacher(s)	Learning method
MODULE 1: Orientation to the course and introduction to Global Health			
Wednesday 16th February			
09.00-11.00	Introduction, programme outline, students expectations and evaluation	Prof. F. Castelli Prof. A. Matteelli Dr. S. Caligaris	Interactive discussion
11.00-13.00	TropEd orientation	Prof. A. Matteelli	Interactive discussion
Thursday 17th February			
09.00-11.00	What is global health: definitions. Why is global health important? Evolution of global health: from tropical medicine to international health, eventually, global health.	Prof. F. Castelli	Lecture
11.00-13.00	From millennium Development Goals to Sustainable development Goals: the past and the future	Prof. F. Castelli	Lecture
Friday 18th February			
09.00-13.00	Communication and teamwork skills	Dr.ssa S. Capone	Interactive discussion Role-plays
Monday 21st February			
09.00-11.00	Global Health in an Unequal World	Prof. A. Stefanini	Lecture
11.00-13.00	Globalization and the Social and Political Determination of Health	Prof. A. Stefanini	Lecture
14.00- 16.00	Global Trade and Health	Prof. A. Stefanini	Lecture
Tuesday 22nd February			
09.00-11.00	Global Health Governance (GHG)	Prof. A. Stefanini	Lecture

11.00-13.00	Globalization of Food	Prof. A. Stefanini	Lecture
14.00-16.00	Political Ecology of Health The Case of Ebola Outbreak	Prof. A. Stefanini	Team work
Wednesday 23rd February			
09.00-13.00	Integrating the Social Determinants of Health into Health Workforce Education	Dr. J. Fisher	Interactive lesson
14.00-16.00	Integrating the Social Determinants of Health into Health Workforce Education	Dr. J. Fisher	Interactive lesson
MODULE 2: Public Health for Global Health			
Thursday 24th February			
14.00-15.30	Public Health: definition and application in a global context	Prof. E. Missoni	Interactive lesson
15.30-16.30	Health Systems in low, middle income countries	Prof. E. Missoni	Intercative lesson
16.30-18.00	From Alma- Ata to nowadays: strengths and weaknesses of PHC	Prof. E. Missoni	Interactive lesson
Friday 25th February			
14.00-15.30	Vertical programmes versus PHC	Prof. E. Missoni	Interactive lesson
15.30-16.30	Basics of health economics	Prof. E. Missoni	Intercative lesson
16.30-18.00	Health system financing models. Development economics.	Prof. E. Missoni	Intercative lesson
Monday 28th February			
09.00-11.00	Health planning in a new context: defining the most important steps	Prof.ssa B.Peterhans Prof. A. Hoffmann	Lecture
11.00-13.00	Define a health problem with the problem tree technique	Prof.ssa B.Peterhans Prof. A. Hoffmann	Interactive lesson/ Team work
14.00-16.00	Skeleton of a project proposal within international cooperation	Prof.ssa B.Peterhans Prof. A. Hoffmann	Interactive lesson/ Team work
Tuesday 1st March			
09.00-11.00	Skeleton of a project proposal within international cooperation	Prof.ssa B.Peterhans Prof. A. Hoffmann	Interactive lesson

11.00-13.00	The importance of defining priorities and allocating adequate resources in a selected context	Prof.ssa B.Peterhans Prof. A. Hoffmann	Interactive lesson
14.00-16.00	The importance of monitoring and evaluation	Prof.ssa B.Peterhans Prof. A. Hoffmann	Interactive lesson + Role-play
Wednesday 2nd March			
09.00-11.00	Preparing the project presentation	Prof.ssa B.Peterhans Prof. A. Hoffmann	Interactive lesson
11.00-13.00	Formal Evaluation: Presenting and defending a first draft of a proposal	Prof.ssa B.Peterhans Prof. A. Hoffmann	Interactive lesson
Thursday 3rd March			
09.00-13.00	KAP principles	Dr. L. Conforti Dr.ssa M.R. Badagliacca	Interactive lesson
14.00-16.00	Training health staff in developing countries: limits & obstacles	Dr. L. Conforti Dr.ssa M.R. Badagliacca	Interactive lesson
Friday 4th March			
09.00- 13.00	Tools for training	Dr. L. Conforti Dr.ssa M.R. Badagliacca	Interactive Lesson
14.00- 16.00	Training: methods & techniques	Dr. L. Conforti Dr.ssa M.R. Badagliacca	Interactive Lesson
Monday 7th March			
09,00-13,00	Access to appropriate essential drugs: selection, supply and distribution in Low Resources Countries.	Prof.ssa R. Ravinetto	Lecture
14,00-16,00	Rational drugs use in Low Resources Countries	Prof.ssa R. Ravinetto	Lecture
Tuesday 8th March			
09.00-11.00	Mental health in humanitarian emergencies	Dott. ssa C. Feo -MSF	Lecture
11.00-13.00	Psycho-social support to humanitarian staff	Dott.ssa C. Feo - MSF	Interactive lesson
Wednesday 9th March			

9.00 – 13.00	Management of an infectious outbreak	Dr.ssa C. Montaldo - MSF	Problem-based approach & lecture
Thursday 10th March			
09.00-13.00	Refugee and IDPs camp management	Dr. M. Sandrone - MSF	Interactive lesson, problem solving approach
Friday 11th March			
09.00-13.00	Emergencies: an intro on the major types: Epidemics War & conflicts Natural disasters	Dr. G. Perna - MSF	Interactive lessons
Monday 14th March			
9.00 – 13.00	The Top-ten priorities in emergencies	Dr. T. Santo - MSF	Problem-based approach, interactive lesson
Tuesday 15th March			
10.00-12.00	Multisectoral and integrated responses in nutritional and health emergencies	Dr.ssa L. Becca	Interactive lesson
14.00-17.00	Needs assessment for health and nutrition in emergencies	Dr.ssa L. Becca	Interactive lesson
MODULE 3: Basic epidemiology and research methods			
Wednesday 16th March			
10.00–12.00	Il giro del mondo della famiglia altiuncentimetro	Dr.ssa Romagnoli – Dr. A Petrocelli	Lecture
14.00-16.00	Aims and principles of epidemiology. Population dynamics. Determinants of diseases in a community.	Prof. F. Donato	Lecture
Thursday 17th March			
09.00-13.00	Frequency measures in epidemiology. Descriptive epidemiology: geographical and time trend studies, ecologic studies	Prof. F. Donato	Lecture and group exercises
14.00-16.00	Association measures in epidemiology. Cross-sectional studies.	Prof. F. Donato	Lecture and group exercises
Friday 18th March			
09.00-13.00	Experimental studies: RCTs, field and community trials.	Prof. F. Donato	Lecture and group exercises

	Analytical studies: cohort studies.		
14.00-16.00	Analytical studies: case-control studies Impact measures in epidemiology: attributable risk and etiologic fraction.	Prof. F. Donato	Lecture and group exercises
Monday 21st March			
09.00-13.00	Random and systematic errors: bias and confounding. Causality. How to write a research protocol	Prof. F. Donato	Lecture and group exercises
14.00-16.00	The Evidence Based Medicine	Prof. F. Donato	Lecture and group exercises
Tuesday 22nd March			
09.00-13.00	Study design: how to plan, implement a study	Dr. ssa V. Marchese	Interactive lesson and group exercises
Wednesday 23rd March			
09.00- 13.00	Data analysis: from basic statistic to basic tools for descriptive analysis	Dr. S. Calza Dr. S. Renzetti Dr. M. Rota	Lecture and group exercises
14.00-16.00	Descriptive analysis with Jamovi software	Dr. S. Calza Dr. S. Renzetti Dr. M. Rota	Lecture and group exercises
Thursday 24th March			
09.00-11.00	Basic inferential statistic	Dr. S. Calza Dr. S. Renzetti Dr. M. Rota	Lecture and group exercises
11.00-13.00	Inferential analysis with Jamovi software	Dr. S. Calza Dr. S. Renzetti Dr. M. Rota	Lecture and group exercises
14.00-16.00	Inferential analysis with Jamovi software	Dr. S. Calza Dr. S. Renzetti Dr. M. Rota	Lecture and group exercises
Friday 25th March			
09.00- 11.00	Cost-effectiveness studies	Dr. L. Motta	Interactive lesson
11.00-13.00	Qualitative study: when, why, how	Dr. L. Motta	Interactive lesson and group exercises
Monday 28th March			
09.00-11.00	Scientific writing: case-reports, systematic review, meta-analysis	Prof. GB. Migliori Dot.ssa L. D'Ambrosio	Scientific writing: case-reports, systematic review, meta-analysis

11.00-13.00	How to plan, organize and write a scientific paper	Prof. GB. Migliori Dot.ssa L. D'Ambrosio	How to plan, organize and write a scientific paper
Tuesday 29th March			
09.00-11.00	Introduction to anthropology	Prof.ssa I. Micheli	Interactive lesson
11.00-13.00	Anthropological impact on project interventions and cooperation The concept of “disease/illness” from an anthropological perspective	Prof.ssa I. Micheli	Interactive lesson
Wednesday 30th March			
09.00-13.00	Focus on infectious diseases: conception, role and beliefs from the tribal culture to the modern societies “Children” conception and implications of child care in different societies	Prof.ssa I. Micheli	Interactive lesson
Thursday 31st March			
09.00-11.00	Gender equity: roles, values and implications of gender differences.	Prof.ssa I. Micheli	Interactive lesson
11.00-13.00	Gender equity across the world Breastfeeding and feeding practices from the newborn to the child from an anthropological perspective	Prof.ssa I. Micheli	Interactive lesson
Friday 1st April			
09.00–13.00	Gender based violence	Dr.ssa F. Bustreo Dr.ssa F. Tronci	Lecture
Monday 4th April			
09.00-11.00	Cooperation in health: the example of Medicus Mundi Italia	Dr. M. Chiappa	Lecture
11.00-13.00	Access to medicines: an important issue in the global health policy	Dr. A. Casale	Lecture
Tuesday 5th April			
09.00-13.00	Bioethics: an overview	Prof.ssa A. Conti Dr.ssa P. Delbon	Lecture
MODULE 4: International cooperation and migration health			
Wednesday 6th April			
09.00-11.00	The role and panorama of NGOs	Dr. M. Chiappa	Lecture
11.00-13.00	4 Selected NGOs: presentation and projects	Chair: M. Chiappa Participants: Dr. M. Capuzzo CUAMM	Round table

		Dr.ssa C. Lodesani - MSF Dr. S. Caligaris -MMI, Dr.ssa M. Dalla Tomba MUSEKE	
Thursday 7th April			
Friday 8th April			
9.00-13.00	Basics of International Humanitarian Law (IHL)	Dr. M. Carotenuto	Lecture
14.00-16.00	IHL: applications and obstacles	Dr. M. Carotenuto	Team work
Monday 11th April			
09.00-11.00	Migration flows and determinants of population movements.	Dr.ssa B. Formenti	Interactive lesson
11.00-13.00	Health and migration from a public health perspective	Dr.ssa V. Marchese	Lecture
14.00-16.00	Climate Changes	Dr.ssa S.Pegoraro Dr.ssa B. Rossi	Lecture
Tuesday 12th April			
09.00-13.00	Managing health problems in asylum seekers and refugees	Dott.ssa S. Capone Dott.ssa P. Magro	Interactive lesson
14.00-16.00	Italian cooperation: principles and objectives	Dr.ssa G. Marcianesi	Lecture
MODULE 5: Global Burden of Diseases, Health Problems and Responses			
Wednesday 13th April			
9.00 –13.00	COVID-19 in Europe, epidemiology, impact and response	Dr. A. Yedilbayev	Lecture
<i>Easter Holidays from Thursday 14th to Tuesday 19th April</i>			
Wednesday 20th April			
09.00-13.00	Sexually transmitted infections (STI): epidemiology, classification and impact. STI control strategies	Dr. A. Gerbase	Lecture
14.00-16.00	Sexually transmitted infections (STI): epidemiology, classification and impact. STI control strategies	Dr. A. Gerbase	Lecture
Thursday 21st April			

09.00-13.00	Public health approach to the global HIV epidemic	Dr. A. Gerbase	Lecture
Friday 22nd April			
09.00-11.30	HIV testing and linkage to care	Dr. E. Focà	Interactive lesson
11.30-13.00	Basics of antiretroviral treatment, PEP, PREP	Prof.ssa E. Quiros	Lecture
14.00-17.00	Clinical management: in and out patient clinics. PMTCT. Prevention of HIV.	Dr. E. Focà	Interactive lesson
25 Aprile festa della Liberazione			
Tuesday 26th April			
09.00-13.00	TB: natural history, epidemiology and clinical presentation	Dr. M. Raviglione	Lecture
14.00 –16.00	END TB- strategy with special focus on UHC and SP	Dr. M. Raviglione	Lecture
Wednesday 27th April			
09.00-13.00	Pillar 1: diagnosis and active case finding	Prof. A. Matteelli	Lecture
14.00-16.00	Pillar 1: treatment, including programmatic management of MDR-TB	Prof. A. Matteelli	Lecture
Thursday 28th April			
10.00-13.00	“Idee per le case della Comunità”	Dr. A. Manenti	Interactive lessons
Friday 29th April			
09.00-13.00	Basics of paediatrics for LICs Integrated Management of Childhood Illness (IMCI)	Dr. I. Dodi	Lecture
14.00-16.00	Epidemiology of preventable diseases Expanded Programme on Immunization (EPI)	Dr. I. Dodi	Lecture
Monday 2nd May			
09.00-13.00	Maternal mortality epidemiology & reduction strategies	Dr. ssa P. Morganti	Lecture
14.00-16.00	Delivery care in rural areas: antenatal clinics functioning & community	Dr. ssa P. Morganti	Interactive lesson

	support		
Tuesday 3rd May			
09.00-13.00	Delivery and post-delivery clinical management	Dr. ssa P. Morganti	Interactive lesson and group exercises
14.00-16.00	Reproductive health and family planning	Dr. ssa P. Morganti	Lecture
Wednesday 4th May			
09.00-13.00	Cosa si intende per “Cure Essenziali al Neonato” Assistenza al neonato al parto: “Action Plan1” Analisi delle cause di mortalità neonatale Come prevenire le infezioni Cura del nato di ‘basso peso’ Quali le differenze tra Pretermine, LBWI, SFD, SGA e LGA	Dr. P. Villani – Dr. F. Uxa	Lecture and exercises
14.00-16.00	Ossigenoterapia ed assistenza respiratoria di base. Assistenza al neonato LBWI: “Action Plan 2” Nuovo WHO “Essential Newborn Care” Risorse : PCPNC e MNP - La “Kangaroo Mother Care”	Dr. P. Villani – Dr. F. Uxa	Lecture and exercises
Thursday 5th May			
09.00-13.00	“BABIES Matrix”. Priorità: azioni, indicatori, responsabilità Basi di fiso-patologia	Dr. P. Villani – Dr. F. Uxa	Interactive lesson and exercises
14.00-16.00	Pratica di rianimazione neonatale Q&A : Pratica di rianimazione neonatale Post-resuscitation care L’esperienza del “Hopital. St. Camille” a Ouaga Il valore del neonato in Africa	Dr. P. Villani – Dr. F. Uxa	Interactive lesson and exercises
Friday 6th May			
09.00-11.00	Lactation: anatomy and physiopathology and most common problems	Dr. ssa L. Castellarin	Lecture
11.00-13.00	Breastfeeding promotion at hospital and community level	Dr. ssa L. Castellarin	Interactive lesson
Monday 9th May			
09.00-13.00	Leprosy: natural history	Dr. G. Gazzoli	Lecture

14.00-16.00	Leprosy: diagnosis and treatment	Dr. G. Gazzoli	Lecture
Tuesday 10th May			
09.00-13.00	Malaria epidemiology, global impact and control strategies	Dr. S. Caligaris	Lecture
14.00-16.00	Clinical management of uncomplicated/complicated malaria	Dr. S. Caligaris	Lecture
Wednesday 11th May			
09.00-12.00	Entomology of malaria vectors	Prof. G. Gilioli	Interactive lessons
12.00-13.00	Diagnosis of malaria	Dr. S. Caligaris	Interactive lessons
Thursday 12th May			
9.00-13.00	Neglected tropical diseases addressed by mass drug administration (schistosomiasis, soil transmitted helminthiasis, lymphatic filariasis, onchocerciasis and trachoma) common characteristics, relevance for global health and example of control from an endemic country.	Dr. A. Montresor	Lecture
14.00-16.00	Clinic presentation of Strongiloidiasis, Ancylostomiasis, Ascariasis	Dr. S. Caligaris	Lecture
Friday 13th May			
9.00-11.00	Clinic presentation of Schistosomiasis and Filariasis	Dr. S. Caligaris	Lecture
11.00-13.00	Tripanosomiasi Africana e malattia di Chagas	Dr. S. Caligaris	Lecture
14.00-16.00	Leishmaniosi Viscerale e principali Arbovirosi	Dr. S. Caligaris	Lecture
Monday 16th May			
09.00-10.00	Malnutrition epidemiology and impact	Dr. F. Schumacher	Lecture
10.00-11.00	Malnutrition control strategies and service delivery: in and outpatient centers.	Dr. F. Schumacher	Interactive lesson
11.00-13.00	Malnutrition clinical management	Dr. F. Schumacher	Interactive lesson
14.00 -16.00	HIV in children	Dr. F. Schumacher	Lecture

Tuesday 17th May			
09.00-13.00	“Global burden diseases: why it is relevant for noncommunicable diseases (NCDs)? Main public health strategies to prevent NCDs High risk strategies to manage NCDs WHO global action plan to prevent and control NCDs”	Dr.ssa B. Armocida	Lecture
14.00-16.00	“Global burden diseases: why it is relevant for noncommunicable diseases (NCDs)? Main public health strategies to prevent NCDs High risk strategies to manage NCDs WHO global action plan to prevent and control NCDs”	Dr.ssa B. Armocida	Lecture
Wednesday 18th May			
09.00-13.00	“Global burden diseases: why it is relevant for noncommunicable diseases (NCDs)? Main public health strategies to prevent NCDs High risk strategies to manage NCDs WHO global action plan to prevent and control NCDs”	Dr.ssa B. Armocida	Lecture
14.00- 16.00	Global Burden of Disease: infectious diseases and NCDs in globalization era	Dr.ssa B. Armocida	Interactive lesson
Thursday 19th May			
09.00-11.00	Use and availability of antibiotics in low income countries	Prof. A. Bartoloni	Lecture
11.00-12.00	Antibiotic resistance: global overview	Prof. A. Bartoloni	Lecture
12.00-13.00	Antibiotic resistance: global control strategies	Prof. A. Bartoloni	Lecture
14.00-16.00	Esperienze sul Campo - Panoramica delle ONG	Dr.ssa C. Gallizioli	Lecture
Friday 20th May			
09.00-10.00	Basic Surgery and orthopaedics in low income countries	Prof.ssa E. Baggio	Lecture
10.00-12.00	War surgery	Prof.ssa E. Baggio	Lecture
12.00-13.00	How to run a theatre in a LIC	Prof.ssa E. Baggio	Group exercise +

			interactive lesson
Monday 23rd May			
09.00-13.00	Logics in clinical approach	Dr. S. Caligaris	Interactive lesson
Tuesday 24th May			
09.00-13.00	Energy intervent and the local resources use	Prof. A. Mazzù Ing. M. Pilotelli	Interactive lesson, problem solving approach
Wednesday 25th May			
09.00-11.00	Solid waste management	Prof. M. Vaccari	Interactive lesson, problem solving approach
11.00-13.00	Safe Water for all	Prof.ssa S. Sorlini	Interactive lesson, problem solving approach
Thursday 26th May			
09.00-12.00	Different career paths in global health: NGOs, IIs, IOs, University and Research institutions	Prof. F. Castelli	Interactive lesson and round table
12.00-13.00	Conclusions and greetings	Prof. F. Castelli Prof. A. Matteelli Dr. S. Caligaris	Interactive lesson and round table

Contact

Contact Person (Scientific Programme)

Francesco Castelli and Beatrice Formenti
Infectious and Tropical Diseases, University of Brescia
Piazza Spedali Civili, 1
25123 Brescia, Italy
+39 030 399 66 25
francesco.castelli@unibs.it
beatrice.formenti@unibs.it

Administrative Secretariat

Lorena Bossolesi
TMT Srl
Via Mecenate 12
20138 Milano
+39 02 580 128 22
congress@tmtworld.it

Course Coordinators

Francesco Castelli (ESGITM, ISTM, University of Brescia, Italy)
Sally Hargreaves (ESGITM, St George's, University of London, UK)
Christina Greenaway (ISTM, McGill University, Canada)

Course Objectives

The aim of the Course is to create a forum for discussion on the multidisciplinary aspects of migration and health, from global strategies to the prevention and management of infectious and non-communicable diseases, and analysis of social determinants and barriers to health. Topics of the course will be:

- Migrants, refugees, asylum seekers: the international and European context
- Migration, infectious diseases, and preventative healthcare
- Migration as a determinant of health: health needs and barriers to healthcare
- Migration and non-communicable diseases
- Transcultural approach to care and good practice
- Global policies and strategies for a global migrants' health

ESCMID Postgraduate Education Course

Organisers

ESCMID Study Group for Infections in Travelers and Migrants – ESGITM



UNESCO Chair "Training and Empowering human resources for health development in resource-limited countries", University of Brescia (Italy)



Migrants' Health Interest Group of the International Society of Travel Medicine (ISTM)



Italian Society of Infectious and Tropical Diseases (SIMIT)



Other organizing groups



ESCMID Postgraduate Education Course

Migration and Health: a world on the move

Montisola, Italy
26 – 30 September 2022



ESCMID Postgraduate Education Course

Organisation

Course Venue

Castello Oldofredi
Peschiera Maraglio, 25050 Monte Isola, Brescia, Italy
www.oldofrediresidence.it/en/contacts

Accommodation

Accommodation for participants is not included in the registration fee.

Registration Procedure

Register on the ESCMID website at www.escmid.org/education by 9 September 2022.

Registration Fee

Onsite Participation

EUR 700 for ESCMID members
EUR 850 for all others

The onsite registration fee includes lunches and coffee breaks, documentation materials, social event and a social dinner. European CME for those who reach the pass score at the final knowledge questionnaire will be provided. It does not include travel, dinners and accommodation.

Online Participation

EUR 400 for ESCMID members
EUR 550 for all others

The online registration fee includes live interactive online attendance to all sessions of the Course and PDF documentation materials. It includes European CME for those who reach the pass score at the final knowledge questionnaire.

Attendance Grants

ESCMID provides a number of attendance grants for ESCMID "young scientist members". The grant covers the registration fee, but not travel costs. Please apply via the ESCMID website at www.escmid.org/education before 10 June 2022. Applicants will be informed about their acceptance by 24 June 2022.

Course Programme

Monday, 26 September 2022

Migrants, refugees, undocumented: the international and European context

Overall Chairs: *Francesco Castelli, Teymur Noori*

09:00 – 09:40 **Welcome and introduction**
Francesco Castelli, Sally Hargreaves, Christina Greenaway

09:40 – 10:00 **The role of the National Institute for Health, Migration and Poverty (NIHMP)**
Gianfranco Costanzo

10:00 – 11:00 **Contemporary migration to Europe: determinants, health needs, effective approaches**
Francesco Castelli

11:00 – 11:15 **Coffee break**

11:15 – 12:15 **Migrants on arrival in Europe and internationally: refugees, asylum seekers and holders of humanitarian protection, undocumented migrants, labour migrants**
Apostolos Veizis

12:15 – 13:00 **Health of migrating minors**
Marie Norredam

13:00 – 14:00 **Lunch break**

14:00 – 15:30 **International regulation, human rights, health policy**
Paul Spiegel

15:30 – 16:00 **Coffee break**

16:00 – 17:30 **Migration and health: a socio-anthropological perspective**
Roberto Beneduce, Maddalena Colombo

17:30 – 18:30 **Round Table Panel discussion: reflections and take-home messages**

Tuesday, 27 September 2022

Migration, infectious diseases, and preventative healthcare

Overall Chairs: *Sapha Barkati, Ana Requena*

09:00 – 10:00 **Screening and prevention of communicable diseases: an international perspective and new tools**
Ana Requena

10:00 – 11:00 **Communicable diseases: strengthening approaches to tuberculosis and latent tuberculosis control in migrants**
Alberto Matteelli

11:00 – 11:15 **Coffee break**

11:15 – 13:00 **Communicable diseases: HIV and STIs**
Teymur Noori

13:00 – 14:00 **Lunch break**

14:00 – 15:00 **Communicable diseases: strengthening approaches to viral hepatitis (HBV, HCV)**
Christina Greenaway

15:00 – 17:00 **Communicable diseases: neglected parasitic diseases – delivering effective screening and treatment**
Federico Gobbi, Valentina Marchese, Rogelio Lopez-Velez, Sapha Barkati

17:00 – 17:15 **Coffee break**

17:15 – 18:00 **Lecture: Spotlight on COVID-19: impact on migrants, risk factors, challenges**
Sally Hargreaves

18:00 – 18:30 **Round Table Panel discussion: reflections and take-home messages**

Wednesday, 28 September 2022

Migration as a determinant of health: health needs and barriers to healthcare

Overall Chairs: *Bernadette Kumar, Silvia Declich*

09:00 – 10:00 **Lecture: Dermatological issues in migrants**
Eric Caumes

10:00 – 11:00 **Communicable diseases: Vaccines. Lecture: outbreaks of vaccine preventable diseases involving migrants and vaccine hesitancy: how best to deliver catch-up vaccination in migrant populations?**
Anna Deal

11:00 – 11:15 **Coffee break**

11:15 – 12:00 **Covid-19 and access to vaccination for undocumented migrants**
Dastan Salehi

12:00 – 13:00 **Romania: case study of a migrants' sending country in Eastern Europe**
Corneliu Popescu

13:00 – 14:00 **Lunch break**

14:00 – 16:00 **Designing and developing public health interventions and communications involving migrants.**
Workshop on approaches to participatory research and engagement. What has COVID-19 taught us about community engagement and improving health? Co-designing strategies to improve uptake of screening for infection and catch-up vaccination involving migrant populations
Chair
Alison Crawshaw, Silvia Declich, William Stauffer

16:00 – 16:15 **Coffee break**

16:15 – 18:00 **Round Table Panel discussion with live migrants and refugees narrative session: participatory research reflections and take-home messages**

Thursday, 29 September 2022

Migration: non-communicable diseases, women and child's health and quality of life

Overall Chairs: *Christina Greenaway, Sally Hargreaves*

09:00 – 10:00 **Lecture: Migrants and occupational health**
Kolitha Wikramage

10:00 – 11:00 **Non communicable diseases: chronic diseases**
Charles Agyemang

11:00 – 11:15 **Coffee break**

11:15 – 12:00 **Non communicable diseases: chronic diseases**
Lorenza Muiesan

12:00 – 13:00 **Non communicable diseases: neoplastic diseases**
Patricia Walker

13:00 – 14:00 **Lunch break**

14:00 – 15:00 **Quality of life in migrants population**
Bernadette Kumar

15:00 – 16:00 **Non communicable diseases: mental health**
Marco Mazzetti

16:00 – 16:15 **Coffee break**

16:15 – 17:00 **Women and reproductive health**
Flavia Bustreo

17:00 – 18:00 **Round Table Panel discussion: reflections and take-home messages**

20:00 – 22:00 **Dinner**

Friday, 30 September 2022

Global challenges, perspectives and strategies for a global migrants' health

Overall Chairs: *Francesco Castelli, Christina Greenaway, Sally Hargreaves*

09:00 – 10:15 **Lecture: Migration and climate changes. New challenges**
Grammenos Mastrojeni

10:15 – 11:15 **Global Policies and Strategies for a global migrants' health**
Santino Severoni

11:15 – 11:30 **Coffee break**

11:30 – 13:00 **Migrants' health. The way forward and the global agenda**
Chair
Santino Severoni, Francesco Castelli, Sally Hargreaves, Christina Greenaway, Grammenos Mastrojeni

Panel discussion: reflections and take-home messages
Francesco Castelli, Sally Hargreaves, Christina Greenaway

13:00 – 13:30 **Lunch break**

14:00 – 17:00 **Social Event**

Course End

CME Accreditation

The Course has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of 33 European CME credits (ECMEC®s) and has been accredited to the Italian Ministry of Health for 35 CME Credits (Residential Course) and for 50 CME Credits (FAD-Webinar) by T.M.T. CME Provider ID 676.

Target Audience

All health professionals and researchers (public health professional, clinicians, students, policymakers, NGOs/ community or-rganisations) who are involved in researching, supporting, and providing medical care to migrants in any part of the world are welcome to the course.

Faculty Members

Alberto Matteelli, Brescia, Italy
Alison Crawshaw, London, UK
Ana Requena, Barcelona, Spain
Anna Deal, London, UK
Apostolos Veizis, Athens, Greece
Bernadette Nirmal Kumar, Oslo, Norway
Charles Agyemang, Amsterdam, Netherlands
Christina Greenaway, Montreal, Canada
Corneliu Popescu, Bucarest, Romania
Dastan Salehi, Bruxelles, Belgium
Eric Caumes, Paris, France
Flavia Bustreo, Geneva, Switzerland
Francesco Castelli, Brescia, Italy
Federico Gobbi, Negrar, Italy
Gianfranco Costanzo, Rome, Italy
Grammenos Mastrojeni, Barcelona, Spain
Kolitha Wikramage, Manila, Philippines
Maddalena Colombo, Brescia, Italy
Marco Mazzetti, Milan, Italy
Maria Lorenza Muiesan, Brescia, Italy
Marie Norredam, Copenhagen, Denmark
Patricia Walker, Minneapolis, Minnesota, US
Paul Spiegel, Baltimore, Maryland, US
Roberto Beneduce, Torino, Italy
Rogelio Lopez-Velez, Madrid, Spain
Sally Hargreaves, London, UK
Santino Severoni, Geneva, Switzerland
Sapha Barkati, Montreal, Canada
Silvia Declich, Rome, Italy
Teymur Noori, Stockholm, Sweden
Valentina Marchese, Brescia, Italy
William Stauffer, Minneapolis, Minnesota, US



FONDAZIONE GIUSEPPE TOVINI
COOPERAZIONE E VOLONTARIATO
INTERNAZIONALE



FONDAZIONE
MUSEKE ONLUS

FONDAZIONE GIUSEPPE TOVINI
Cooperazione e Volontariato Internazionale
ETS

FONDAZIONE MUSEKE

in collaborazione con

CATTEDRE UNESCO

**Università degli Studi Brescia, Università Cattolica del Sacro Cuore – sede di Brescia,
Fondazione “V. Chizzolini” ONLUS – Diritti dell’Uomo e Cooperazione Internazionale**



Propongono il

CORSO DI
“FORMAZIONE ALLA COOPERAZIONE INTERNAZIONALE”
V EDIZIONE

Brescia 5 - 9 Settembre 2022

DIRETTORI DEL CORSO: **Prof. Francesco Castelli, Università degli Studi di Brescia**
Prof. Domenico Simeone, Università Cattolica del Sacro Cuore –
sede di Brescia

La proposta culturale del Corso di formazione intende richiamare i fondamenti della pedagogia della cooperazione internazionale al fine di promuovere una comunità capace di sostenere l'identità personale e sociale nei diversi contesti.

L'articolazione del programma del corso favorisce una riflessione interdisciplinare, alla luce dei molteplici mutamenti in atto, con l'obiettivo di sviluppare una progettualità consapevole e sostenibile in ambito internazionale, esprimendo un'interconnessione con gli ecosistemi e i diversi ambiti scientifici, culturali ed economici.

Si tratta di passare da un approccio alla cooperazione internazionale centrato sui bisogni, il cui obiettivo è quello di ridurre le carenze attraverso il trasferimento di risorse, a un approccio centrato sui diritti che aumenta le capacità e le libertà delle persone.

Il tema della cooperazione internazionale sarà approfondito attraverso contributi disciplinari diversi: antropologico, medico, economico, etico, giuridico, ingegneristico, agrario, pedagogico.

1. OBIETTIVI

- Comprendere il contesto e le diverse forme della cooperazione internazionale realizzate dagli Organismi Internazionali e dalle Organismi Non Governativi (ONG).
- Effettuare un'analisi critica del grado di riconoscimento e di attuazione dei diritti dell'uomo in contesti regionali, nazionali, e internazionali.
- Conoscere le strategie e le politiche di cooperazione internazionale al fine di riflettere sul paradigma pedagogico attuato per la promozione e lo sviluppo integrale delle persone.
- Acquisire competenze e strumenti utili alla realizzazione di attività di cooperazione internazionale.

2. ORGANIZZAZIONE DEL CORSO

Il corso si svolge tra il 5 e il 9 Settembre 2022. È articolato in n.40 ore tra lezioni e laboratori in presenza, secondo il programma di seguito indicato. Al termine del corso, una giornata è dedicata alla valutazione dell'elaborato finale attraverso un colloquio, effettuato da apposita commissione.

I laboratori si svolgeranno presso la sede di Fondazione G. Tovini – Cooperazione e Volontariato Internazionale in via T. Ferrando 1, Brescia.

È prevista la possibilità di partecipare alle sole lezioni tramite la piattaforma ZOOM.

3. PROGRAMMA DEL CORSO DI FORMAZIONE: LEZIONI E LABORATORI

GIORNO	ORARIO	ARGOMENTO	DOCENTI
Lunedì 5 Settembre 2022	9.00 9.30	<i>Presentazione della Summer School</i>	Rappresentanti di Fondazione G. Tovini e Fondazione Museke
	9.30 10.30	<i>Educazione e cooperazione internazionale</i>	Prof.ssa Stefania Gandolfi Fondazione "V. Chizzolini"
	11.00 11.30	CONFERENZA STAMPA	
	11.30 12.30	<i>Dialogo interreligioso e cooperazione internazionale</i>	Don Roberto Lombardi Università Cattolica del Sacro Cuore di Brescia
	12.30 13.30	<i>Prospettive internazionali dell'educazione: il contributo dell'UNESCO</i>	Dott.ssa Rita Locatelli Cattedra Unesco UCSC - Brescia
<u>Laboratorio 1</u> (Pomeriggio)	14.30 18.00	<i>Criteria per l'elaborazione dei progetti. Analisi di un caso concreto</i>	Dott. Massimo Chiappa Medicus Mundi Italia Dott. Antonio Bonetti Fondazione Giuseppe Tovini Dott.ssa Chiara Lombardi Fondazione Museke
Martedì 6 Settembre 2022	9.00 10.30	<i>La cooperazione allo sviluppo nel diritto internazionale e in quello italiano</i>	Prof. Matteo Manfredi Università Cattolica del Sacro Cuore di Brescia
	10.30 11.30	<i>Sviluppo economico e diseguglianze</i>	Prof. Enrico Minelli Università degli Studi di Brescia
	11.30 13.00	<i>Sistemi Agricoli Sostenibili</i>	Prof. Gianni Gilioli Università degli Studi di Brescia
<u>Lezione</u> (pomeriggio)	14.00 15.30	<i>Cina e World History: relazioni e scambi tra la Cina e il mondo esterno</i>	Prof.ssa Elisa Maria Giunipero Istituto Confucio – Università Cattolica del Sacro Cuore di Milano
<u>Laboratorio 2</u> (Pomeriggio)	15.30 18.00	<i>Analisi di un caso concreto Laboratorio per aree tematiche</i>	Dott. Antonio Bonetti Fondazione Giuseppe Tovini Dott.ssa Dalila Raccagni Dott. Antonio Molinari Università Cattolica del Sacro Cuore di Brescia Dott.ssa Mariachiara Bonetti, Dott. Giovanni Vinti Università degli Studi di Brescia

Mcoledì 7 Settembre 2022	9.00 10.30	<i>Identità, alterità, cultura Per una pedagogia della cooperazione internazionale</i>	Prof. Domenico Simeone Cattedra Unesco UCSC - Brescia
	<u>Lezioni</u> (Mattino)	10.30 12.00	<i>Globalizzazione ed ecologia integrale</i> Prof. Pierluigi Malavasi Prof.ssa Patrizia Galeri Università Cattolica del Sacro Cuore di Brescia
<u>Laboratorio 3</u> (Pomeriggio)	14.00 18.00	<i>Laboratorio per aree tematiche</i>	Dott. Antonio Bonetti Fondazione Giuseppe Tovini Dott.ssa Dalila Raccagni Dott. Antonio Molinari Università Cattolica del Sacro Cuore di Brescia Dott.ssa Mariachiara Bonetti, Dott. Giovanni Vinti Università degli Studi di Brescia
Giovedì 8 Settembre 2022	9.00 10.30	<i>Medicina ed elementi di salute globale</i>	Prof. Francesco Castelli Cattedra Unesco Università degli Studi di Brescia
	10.30 12.00	<i>Salute materno infantile nei paesi a risorse limitate</i>	Dott. Silvio Caligaris Università degli Studi di Brescia
	<u>Lezioni</u> (Mattino)	12.00 13.00	<i>Tecnologie appropriate per la gestione dell'acqua potabile nei paesi a risorse limitate</i> Prof.ssa Sabrina Sorlini Università degli Studi di Brescia
<u>Lezione</u> (pomeriggio)	14.00 15.30	<i>Antropologia della Cooperazione Internazionale e dei processi di sviluppo</i>	Prof. Roberto Malighetti Università degli Studi di Milano – Bicocca
<u>Laboratorio 4</u> (Pomeriggio)	15.30 18.00	<i>Laboratorio per aree tematiche</i>	Dott. Antonio Bonetti Fondazione Giuseppe Tovini Dott.ssa Dalila Raccagni Dott. Antonio Molinari Università Cattolica del Sacro Cuore di Brescia Dott.ssa Mariachiara Bonetti, Dott. Giovanni Vinti Università degli Studi di Brescia
Venerdì 9 Settembre 2022	9.00 11.00	<i>Economia circolare e gestione dell'energia</i>	Prof. Lucio Zavanella Prof. Simone Zanoni Università degli Studi di Brescia
	11.00 12.00	<i>Ruolo delle Infrastrutture e dei sistemi della mobilità</i>	Prof. Giulio Maternini Università degli Studi di Brescia
	<u>Lezioni</u> (Mattino)	12.00 13.00	<i>Tecniche costruttive sostenibili</i> Prof. Marco Preti Università degli Studi di Brescia

Laboratorio 5 (Pomeriggio)	14-17	<i>Laboratorio per aree tematiche</i>	Dott. Antonio Bonetti Fondazione Giuseppe Tovini Dott.ssa Dalila Raccagni Dott. Antonio Molinari Università Cattolica del Sacro Cuore di Brescia Dott.ssa Mariachiara Bonetti, Dott. Giovanni Vinti Università degli Studi di Brescia
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4. MODALITÀ DI PARTECIPAZIONE

La partecipazione è aperta ad un massimo di 30 studenti universitari e ai laureati provenienti da tutte le Università. In caso di superamento del limite di partecipanti sarà data priorità a studenti e laureati dell'Università degli Studi di Brescia e dell'Università Cattolica del Sacro Cuore.

Al Corso di Formazione sono ammessi alle lezioni, in qualità di uditori, persone interessate ad approfondire le tematiche della cooperazione internazionale, previa comunicazione alla segreteria dei propri dati e indirizzo mail valido.

È possibile iscriversi compilando il modulo scaricabile dai siti di Fondazione Giuseppe Tovini – Cooperazione e Volontariato Internazionale (www.fondazionetovinicvi.it) e di Fondazione Museke (www.fondazionemuseke.org) che dovrà essere firmato e inviato tramite posta all'indirizzo postale via T. Ferrando 1, Brescia 25127 o tramite mail all'indirizzo segreteria@fondazionetovinicvi.it o cooperazione@fondazionetovinicvi.it entro il giorno 31 Agosto 2022.

L'eventuale riconoscimento dei crediti universitari avverrà in rapporto ai criteri stabiliti dalle diverse Università e a seguito di colloquio effettuato da apposita commissione alla fine del corso.

A coloro che avranno sostenuto positivamente il colloquio finale sarà rilasciato un attestato di partecipazione.

5. TEMPI DI ATTUAZIONE

Il Corso di Formazione prenderà avvio Lunedì 5 Settembre 2022 e si concluderà Venerdì 9 Settembre 2022. È previsto un colloquio finale per coloro che avranno frequentato almeno il 75% del corso (30 ore).

6. ASPETTI ECONOMICI

Il Corso di Formazione è finanziato da Fondazione Giuseppe Tovini – Cooperazione e Volontariato Internazionale e da Fondazione Museke. La partecipazione è gratuita.

7. STAGE

Al termine del Corso di Formazione, nel 2023, si organizzerà uno stage per un gruppo di 10\15 partecipanti studenti in un Paese a risorse limitate. Lo stage prevedrà il soggiorno di circa 3 settimane co-finanziato dalla Fondazione Giuseppe Tovini e dalla Fondazione Museke.

Le modalità di selezione e la quota di partecipazione saranno comunicate in seguito.

Per partecipare allo stage è necessario aver frequentato con successo il Corso di "Formazione alla Cooperazione Internazionale".

8. SEGRETERIE SCIENTIFICA ED ORGANIZZATIVA

La Segreteria scientifica:

Dott. Antonio Bonetti, Fondazione Giuseppe Tovini.

Dott.ssa Mariachiara Bonetti, Università degli Studi di Brescia

Dott.ssa Dalila Raccagni/Dott. Antonio Molinari, Università Cattolica del Sacro Cuore.

La segreteria organizzativa:

Sig.ra Cristiana Ardigò, Fondazione Giuseppe Tovini – Cooperazione e Volontariato Internazionale

Sig.ra Valentina Fanti, Fondazione Giuseppe Tovini – Cooperazione e Volontariato Internazionale

Sig.ra Chiara Teldò, Fondazione Museke

2022	Gardini G., Gregori N., Matteelli A., Castelli F. Mycobacterial skin infection <i>Current Opininion in Infectious Diseases</i> , 2022 Jan 19. doi: 10.1097/QCO.0000000000000820. Online ahead of print	4,915
2022	Fumarola B., Calza S., Renzetti S., El Hamad I., Pezzoli M.C., Izzo I., Degli Antoni M., Chiesa A., De Francesco M., Quiros-Roldan E., Caruso A., Castelli F., Focà E. Immunological Evolution of a Cohort of HIV-2 Infected Patients: Peculiarities of an Underestimated Infection. <i>Mediterr J Hematol Infect Dis.</i> 2022 Mar 1;14(1):e2022016. doi: 10.4084/mjhid.2022.016. eCollection 2022	2,576
2022	Botta A., Comelli A, Vellere I, Chechi F., Bianchi L., Gardini G., Tomasoni L., Spinicci M., Galli L., Castelli F. , Bartoloni A., Zammarchi L. Artesunate monotherapy versus artesunate and quinine combination therapy for parenteral treatment of severe imported malaria: a TropNet retrospective comparative study <i>Infection</i> , 2022 https://doi.org/10.1007/s15010-022-01771-5	3,553
2022	Tiecco G., Storti S., Degli Antoni M., Focà E., Castelli F., Quiros-Roldan E. Omicron genetic and clinical peculiarities that may overturn SARS-CoV-2 pandemic: a literature review <i>International Journal of Molecular Sciences</i> , 2022 Feb 11;23(4):1987. doi: 10.3390/ijms23041987.	4,556
2022	Focà E., Fornari C., Arsuffi S., Vetrano M.C., Calza S., Renzetti S., Copeta S., Berruti A., Castelli F. , Compostella S., Quiros-Roldan E. Psychological and emotional impact of COVID-19 pandemic on people living with chronic disease: HIV and cancer <i>AIDS and Behavior</i> , https://doi.org/10.1007/s10461-022-03638-0 , published online 6 March 2022	3,063
2022	Formenti B., Gregori N., Crosato V., Marchese V., Tomasoni L.R., Castelli F. The impact of Covid-19 on communicable and non-communicable diseases in Africa: a narrative review <i>Infezioni in Medicina</i> , accepted for publication	1,08
2022	Armocida B., Valente M., Formenti B., Barigazzi S., Ussai S., Monasta L., Castelli F. , Missoni E. Vaccines Hesitancy in Africa: how COVID-19 pandemic may affect malaria vaccination campaigns <i>Journal of Preventive Medicine and Hygiene</i> , 2022 Apr 26; 63(1): E1-E3. doi: 10.15167/2421-4248/jpmh2022.63.1.2420..	2,023

2022	<p>Posen H.J., Wong W., Farrar D.S., Campigotto A., Chan T., Barker K.R., Hagmann S.H.F., Ryan E.T., LaRocque R.C., Earl A.M., Worby C.J., Castelli F., Fumadó Pérez V., Britton P.N., Libman M., Hamer D.H., Morris S.K.</p> <p>Travel associated extensively drug resistant typhoid fever: a case series to inform management in non-endemic regions</p> <p><i>Journal of Travel Medicine</i>, 2022 Jul 29; taac086. doi: 10.1093/jtm/taac086.</p>	39,194
2022	<p>Marchese V., Formenti B., Cocco N., Russo G., Testa J, Castelli F., Mazzetti M.</p> <p>Examining the pre-war health burden of Ukraine for prioritisation by European countries receiving Ukrainian refugees</p> <p><i>The Lancet Regional Health – Europe</i> 2022; 00: 100369 https://doi.org/10.1016/j.lanepe.2022.100369</p>	Non ancora assegnato.
2022	<p>Marchese V, Formenti B, Marchese L, Gregori N, Gardini G, Russo G, Bona F, Di Rosario G, Gulletta M, Tomasoni LR, Castelli F, Matteelli A.</p> <p>COVID-19 effect on TB presentation and outcome.</p> <p><i>Int J Tuberc Lung Dis.</i> 2022 Apr 1;26(4):375-377. doi: 10.5588/ijtld.22.0036</p>	2,4
2022	<p>Malagola M., Turra A., Signorini L., Corbellini S., Polverelli N., Masina L., Del Fabro G., Lorenzotti S, Fumarola B., Farina M., Morello E., Bernardi S., Re F., Caruso A., Castelli F., Russo D.</p> <p>Results of an innovative program for surveillance, prophylaxis and treatment of infective complications following allogeneic stem cell transplantation in haematological malignancies (BATMO protocol)</p> <p><i>Frontiers in Oncology</i>, 17 June 2022 https://doi.org/10.3389/fonc.2022.874117</p>	6,244
2022	<p>Marchese V., Zanotti P., Cimaglia C., Rossi B., Formenti B., Magro P., Gulletta M., Stancanelli G., El-Hamad I., Girardi E., Cirillo D.M., Castelli F., Matteelli A.</p> <p>Fragmentation of Healthcare Services as a Possible Determinant of the Low Completion Ratio for the Tuberculosis Cascade of Prevention among Asylum Seekers: Results from a Prospective Study with Historical Comparison.</p> <p><i>Pathogens.</i> 2022 May 24;11(6):613. doi: 10.3390/pathogens11060613</p>	3,405
2022	<p>Castelli F., Tomasoni L.R.</p> <p>New insights on malaria</p> <p><i>New Microbiologica</i>, 2022; 45 (2): 83-98</p>	1,953

2022	<p>Caccuri F., Messali S., Zani A., Campisi G., Giovanetti M., Zanussi S., Vaccher E., Fabris S., Bugatti A., Focà E., Castelli F., Ciccozzi M., Dolcetti R., Gallo R.C., Caruso A.</p> <p>HIV-1 mutants expressing B cell clonogenic matrix protein p17 variants are increasing their prevalence worldwide</p> <p><i>Proc Natl Acad Sci U S A.</i> 2022 Jul 5;119(27):e2122050119. doi: 10.1073/pnas.2122050119. Epub 2022 Jun 28.</p>	12,291
2022	<p>Mazzitelli M., Degli Antoni M., Castelli F., Ripamonti D., Zuglian G., Lapadula G., Fabbiani M., Ferraresi A., Putaggio C., Cattelan A.M., Quiros-Roldan E.</p> <p>Real-life use of Doravirine in treatment-experienced people living with HIV: a multicentre Italian study</p> <p><i>Medicine (Baltimore).</i> 2022 Jul 29;101(30):e29855. doi: 10.1097/MD.00000000000029855.</p>	1,889
2022	<p>Zanella I, Degli Antoni M, Marchese V, Castelli F, Quiros-Roldan E.</p> <p>Non-neutralizing antibodies: deleterious or propitious during SARS-CoV-2 infection?</p> <p><i>Int Immunopharmacol.</i> 2022 Sep;110:108943. doi: 10.1016/j.intimp.2022.108943. Epub 2022 Jun 13</p>	4,932
2022	<p>Ussai S., Mariani I., Missoni E., Formenti B., Armocida B., Pedrazzi T. Castelli F., Monasta L., Lauria B, Pistis M.</p> <p>“Immuni” and the National Health System: lessons learnt from the COVID-19 digital contact tracing in Italy</p> <p><i>International Journal of Environmental Research and Public Health</i>, 2022 Jun 20;19(12):7529. doi: 10.3390/ijerph19127529</p>	3,390
2022	<p>De Francesco M.A., Tiecco G., Corbellini S., Scaltriti E., Piccinelli G. Gurrieri F., Crosato V., Molioli G., Marchese V., Focà E., Bertelli D., Castelli F., Cruso A.</p> <p>First Italian report of a liver abscess and metastatic endogenous endophthalmitis caused by ST-23 hypervirulent <i>Klebsiella pneumoniae</i> in an immunocompetent individual</p> <p><i>Infection</i>, 2022 Jul 8. doi: 10.1007/s15010-022-01879-8. Online ahead of print.</p>	3,553
2022	<p>Del Fabro G., Mileto P., Castelli F., Quiros-Roldan E.</p> <p>Two cases of drug-induced hypersensitivity to dolutegravir-rilpivirine single-tablets</p> <p><i>The International Journal of Risk and Safety in Medicine</i>, 2022 Sep 26. doi: 10.3233/JRS-220022.</p>	1,538

2022	Tiecco G., Storti S., Arsuffi S., Degli Antoni M., Focà E., Castelli F , Quiros-Roldan E. Omicron BA.2 Lineage, the “Stealth” Variant: Is It Truly a Silent Epidemic? A Literature Review <i>International Journal of Molecular Sciences</i> , 2022, 23; 7315. https://doi.org/10.3390/ijms23137315	4,556
2022	Maifredi G., Izzo I., Gasparotti C., Sileo C.V.; HIV-CoV Group; Castelli F. , Quiros Roldan E. SARS-CoV-2 Infection and Vaccination Coverage among Fragile Populations in a Local Health Area of Northern Italy <i>Life</i> 2022, 12, 1009. https://doi.org/10.3390/life12071009	2,991
2022	Degli Antoni M., Giagulli C., Messali S., Amadasi S, Caccuri F., Castelli F. , Caruso A., Quiros-Roldan, E. Potential Benefit of Early Treatment with Sotrovimab in Patients With High Risk for Severe COVID-19 Carrying BA.2 <i>Infection. Preprints</i> 2022 , 2022070223 (doi: 10.20944/preprints202207.0223.v1).	7,455
2022	Comelli A., Genovese C., Lombardi C., Bobbio C., Scudeller L., Restelli U., Muscatello A., Antinori S., Bonfanti P., Bruno R., Casari S., Castagna A., Castelli F. , d’Arminio Monforte A., Franzetti F., Grossi P., Morelli P., Pan A., Piconi S., Regazzetti A., Rizzi M., Rusconi S., Puoti M., Pusterla L., Gori A., Bandera A. on behalf of ASP Lomb Study Group What is the Impact of SARS-CoV-2 Pandemic on Antimicrobial Stewardship Programs? The results of a survey among a Regional Network of Infectious Disease Centres in Northern Italy <i>Antimicrob Resist Infect Control.</i> 2022 Aug 29;11(1):108. doi: 10.1186/s13756-022-01152-5.	4,887
2022	Tiecco G., Degli Antoni M., Storti S, Tomasoni L.R., Castelli F. , Quiros-Roldan E. Monkeypox, a literature review: what is new and where does this concerning virus come from? <i>Viruses</i> , 2022 Aug 27;14(9):1894. doi: 10.3390/v14091894	5,818
2022	De Francesco MA, Gargiulo F, Zaltron S, Spinetti A, Castelli F , Caruso A. DAA treatment failure in a HIV/HBV/HCV co-infected patient carrying a chimeric HCV genotype 4/1b <i>IJERPH</i> , 2022, 19, 11655. https://doi.org/10.3390/ijerph191811655	4,614

2022	Zanella I., Zizioli D., Ferretti S., Mignani L., Castelli F. , Tiecco G., Quiros Roldan E. Developmental safety of nirmatrelvir in zebrafish (Danio rerio) embryos <i>Birth Defects Res.</i> 2022 Nov 14. doi: 10.1002/bdr2.2128. Online ahead of print.	2,344
2022	Crosato V, Degli Antoni M, Izzo I, Cerini C, Pennati F, Gulletta M, Odolini S, Tomasoni LR, Matteelli A, Castelli F. Atypical monkeypox presentation in a previously vaccinated MSM HIV-positive adult <i>Infection.</i> 2023 Jan 13. doi: 10.1007/s15010-022-01967-9	7,455
2022	Marchese V., Tiecco G., Storti S., Degli Antoni M., Calza S., Gulletta M., Viola F., Focà E., Matteelli A., Castelli F. , Quiros-Roldan E. Syphilis infections, reinfections and serological response to treatment in a large Italian sexually transmitted diseases centre: a monocentric retrospective study <i>J Clin Med.</i> 2022 Dec 18;11(24):7499. doi: 10.3390/jcm11247499.	4,964

21 APRILE 2022, GIOVEDÌ

Centro Congressi Partenope Università di Napoli Federico II

AULA MAGNA

11:00 - 14:00 **REGISTRATION**

14:00 - 15:00 **INSTITUTIONAL GREETINGS AND OPENING OF THE CONFERENCE**

15:00 - 16:30 **KEYNOTE SPEAKERS (TO BE COMPLETED)**

PROF. ERNEST ARYEETAY

Vice-Chancellor (Rettore) dell'Università del Ghana

Segretario Generale di ARUA (African Research Universities Alliance)

Chair African Economic Research Consortium (AERC) Board, Accra, Ghana

PROF. ZAHY HAWASS

Segretario generale del Consiglio Supremo delle Antichità Egizie, Cairo, Egitto

17:30 - 19:00

ARCHEO-1

CULTURE, THE FOURTH PILLAR OF SUSTAINABILITY

Susanna Borlotto

AULA MAGNA
Centro Congressi
Partenope

CONTRIBUTI

Patrimonio Culturale e Turismo Sostenibile: l'esperienza della Piattaforma 4 della Partnership for Knowledge

C. G. Cereti, M. E. Scarano, A. Ten, D. Magrini, C. Fiorani, S. Sebastiani, G. Antonelli, F. Duva, Sapienza University of Rome.

"Ptolemaica. Cyrene and Oriental Mediterranean": New Challenges for Sustainable Development

S. Ensoli, Università degli Studi della Campania 'Luigi Vanvitelli'.

Processi migratori e costruzione di un patrimonio culturale: risorse e contraddizioni in Serra Gaucha, Brasile

E. Trusiani, Università di Camerino, Italia; L. Piccini Salomao, Universidade Federal do Rio Grande do Sul, Brasil; D. Rigatti, Universidade Federal do Rio Grande do Sul, Brasil.

POSTER

Paleontologia senza confini: il progetto internazionale Dmanisi (Georgia)

L. Rook, Paleo [Fab]Lab Dipartimento di Scienze della Terra, University of Florence; S. Bartolini-Lucenti, Paleo [Fab]Lab Dipartimento di Scienze della Terra, University of Florence; M. Bukshianidze, Georgian National Museum, Tbilisi; O. Cirilli, Paleo [Fab]Lab Dipartimento di Scienze della Terra, University of Florence; L. Pandolfi, Paleo [Fab]Lab Dipartimento di Scienze della Terra, University of Florence; N. Tsikaridze, Georgian National Museum, Tbilisi; D. Lordkipanidze, Georgian National Museum, Tbilisi.

Paleontologia e sviluppo sostenibile: il progetto geo-paleontologico in Marocco del Dipartimento di Scienze della Terra dell'Università di Firenze

L. Rook, Paleo [Fab]Lab Dipartimento di Scienze della Terra, University of Florence; M.G. Benvenuti, Dipartimento di Scienze della Terra, University of Florence; O. Cirilli, Paleo [Fab]Lab Dipartimento di Scienze della Terra, University of Florence; L. Pandolfi, Paleo [Fab]Lab Dipartimento di Scienze della Terra, University of Florence; M. Papini, Dipartimento di Scienze della Terra, University of Florence; S. Zouhri, Département de Géologie (Paléontologie), Hassan II University of Casablanca.

Centro Italo-Egiziano per il Restauro e l'archeologia: "cantiere-scuola di specializzazione"

G. Fanfoni, Centro Italo-Egiziano per il Restauro e l'Archeologia (CIERA).

17:30 - 19:00

SALA A

Centro Congressi

Partenope

NET-5

UNIVERSITIES AND CIVIL SOCIETY ORGANIZATIONS IN DEVELOPMENT COOPERATION: POSSIBLE SYNERGIES

Rocco Conte

CONTRIBUTI

Cooperazione e colonialità-ambiguità e sfide nelle relazioni con la società civile dei paesi del Sud Globale

F. Alberti, ONG Un Ponte Per; A. Romano, ONG Un Ponte Per.

Le sfide della cooperazione internazionale e la Campagna 070

I. Borsotto, Presidente Focsive Portavoce Campagna 070.

Un'esperienza di collaborazione tra le OSC e le Università della Campania

R. Molino, LTM-Gruppo Laici Terzo Mondo.

Università e OSC: prospettive critiche per l'elaborazione di riflessioni a servizio della società civile

F. Polito, Scuola Normale Superiore di Pisa; E. Girei, Sheffield University Management School.

17:30 - 19:00

SALA B

Centro Congressi

Partenope

NET-4

YOUNG UNIVERSITY STUDENTS AND INTERNATIONAL COOPERATION: SETTING UP STUDENT NETWORKS FOR THE MUTUAL EXCHANGE OF KNOWLEDGE AND EXPERIENCE IN ITALIAN AND AFRICAN CONTEXTS

Renato Raffaele Amoroso

CONTRIBUTI

Reflections from building an ecosystem

P. Baiden, WikiAfricaEducation Program Manager at Moleskine Foundation; T.P. Friday, Wikimedian in Residence at Moleskine Foundation.

Le reti di studenti e le opportunità di collaborazione imprenditoriale tra Africa e Italia

A. Hema, InViis

La cooperazione di Sant'Egidio, i programmi DREAM e BRAVO!

M. Muscherà, Federico II-Comunità di Sant'Egidio; F. Cecchi, Federico II-Comunità di Sant'Egidio.

Generational Connectivity & Role of Technology

Roick Humuza Gisa, University of Rome Tor Vergata.

Il calvario degli studenti del sud del mondo nelle nuove sfide globali

Ashu Randy Tambe Nanji, Università degli Studi di Napoli "Federico II".

L'impatto dei programmi di cooperazione internazionale sui percorsi di studenti con background migratorio

K. Zahida, Università Roma Tre.

POSTER

Feeling foreigner as a condition for cooperation. Experiences from the University for Foreigners of Siena

F.R. Branciarri, C. Menduni, S. Orselli, M. Visconti, L. Tronci, Università per Stranieri di Siena.

22 APRILE 2022, VENERDÌ

09:00 - 11:30

NET-3

AULA MAGNA
Centro Congressi
Partenope

ORBIS: AGENDA 2030 AND A SUSTAINABLE FUTURE IN THE MEDITERRANEAN (MUNA)

MUNA

INTRODUZIONI

Gilberto Sammartino, General Coordinator of the Mediterranean and Middle East University Network Agreement (MUNA); Giulia Guerriero, Coordinator of MUNA Board of Coordinators.

CONTRIBUTI

Sustainable Cities Beyond Crisis Management

A.M. Salama, University of Strathclyde.

Naples as a city of inclusion

R. Capozzi, Department of Architecture, University of Naples Federico II.

New complex urban units for hospitality of migrants as an active and productive interface with the city. A proposal for Naples

C. Sansò, Department of Architecture, University of Naples Federico II.

Soil Biodiversity as a key element for sustainability programs of Agenda 2030 and beyond

C. Jacomini, ISPRA.

Use of bio-fertilizers for a sustainable agriculture: evaluation of the soil ecotoxicity of biological amendments and the impact on the environment

A. Siciliano, F. Carraturo, S. Meriç, M. Guida, Department of Biology, University of Naples Federico II and Çorlu Engineering Faculty, Environmental Engineering Department Namik Kemal University.

Genetics of sex determination and biocontrol of agricultural alien insect pests

M.M. Perrotta, A. Ruggiero, N. Fucci, E. Giordano, M. Salvemini, L. Tagliano, G. Saccone, Department of Biology, University of Naples Federico II and Institute of Biostructures and Bioimaging (IBB) CNR, Naples.

Use of co-products in animal nutrition

Y. A. Attia, Department of Arid Land Agriculture, King Abdulaziz University; S. Calabrò, Department of Veterinary Medicine and Animal Production, University of Naples Federico II.

Renewable sources for active packaging products

S.F. Mirpoor, C.V.L. Giosafatto, Department of Chemical Sciences University of Naples Federico II.

Sustainability and "zero waste" recovery from waste matrices of the agri-food production system

P. Daliu, Albanian University - Universitas Fabrefacta Optime; A. Santini, Department of Pharmacy University of Naples Federico II.

Impact of climate change on fauna and flora in South Sinai Mountain, Egypt

Abdelraouf A. Moustafa, IUCN member and Botany Department, Suez Canal University.

09:00 - 10:30

SALA A

Centro Congressi

Partenope

ENV-1

STRATEGIES OF SUSTAINABLE DEVELOPMENT IN LATIN AMERICA: BETWEEN INDIGENOUS CULTURES AND NEW TECHNOLOGIES, AIMED AT THE PROTECTION AND VALORISATIONS OF THE NATURAL RESOURCES

Alberto Renzulli

CONTRIBUTI

Holistic integration of climate information to elaborate adaptation strategies for rural communities and ecosystems across Central America

F. Cresto Aleina, GOPA Worldwide Consultants; S. Secaira, Vivamos Mejor Guatemala.

Sviluppo senza deforestazione: una sfida possibile grazie ad antichi saperi e nuove tecnologie

G. La Francesca, Associazione Museo Verde.

The network of Argentine universities for sustainability and social inclusion (UAGAIS): exploring individual experiences, shared discourses, cultural roots, and transformative processes

L. S. Norton, M. Sarrica, R. Lombardi, G. Peruzzi, Department of Communication and Social Research, Sapienza University of Rome.

Uso di piante native sudamericane per la protezione delle produzioni agrarie

S. Speranza, Università degli Studi della Tuscia, Dipartimento di Scienze Agrarie e Forestali; G. S. Lucero, Universidad Nacional de Cuyo, Facultad de Ciencias Agrarias; M. G. Luna, CEPAVE (CONICET-UNLP); M. L. Dindo, Università di Bologna,

Dipartimento di Scienze e Tecnologie Agro-Alimentari; M. Contarini, Università degli Studi della Tuscia, Dipartimento di Scienze Agrarie e Forestali; L. Rossini, Università degli Studi della Tuscia, Dipartimento di Scienze Agrarie e Forestali; P. Pizzuolo, Universidad Nacional de Cuyo, Facultad de Ciencias Agrarias.

Tra passato e futuro: l'impatto dei cambiamenti climatici sulla viticoltura di Mendoza (Argentina)

P. Torolli, G. L. Fontana, Università di Padova.

09:00 - 10:30

SALA B

Centro Congressi

Partenope

UNI-4

JOINT DEGREE PROGRAMS TO ENHANCE THE INTERNATIONAL UNIVERSITY COOPERATION

Gianluigi Mauriello

CONTRIBUTI

Double degree Naples-Nablus in Food Science and Technology, the point of view of a student

J. Abuqwider, University of Naples Federico II.

Dottorato congiunto sullo studio comparato della fiscalità ambientale e opportunità future

M. Bisogno, Dipartimento di Giurisprudenza, Università di Napoli Federico II.

The Erasmus Mundus Joint Master Course in Food Innovation and Product Design: ten years of experience at the University of Naples Federico II

P. Vitaglione, University of Naples Federico II; P. Piombino, University of Naples Federico II; B. Rega, Agroparistech; M. Moussa, Agroparistech; R.M. Burke, Technological University Dublin; A. Cruickshank, Technological University Dublin; E. Andersson, Lund University; J. Schelin, Lund University; S. A. Moussa, Eurial Italia

09:00 - 10:30

SALA CONVEGNI

Palazzo Du Mesnil

TECH-2

DATA SCARCITY AND LOCAL CAPACITY GAPS: ISSUES, PROBLEMS AND SOLUTIONS

Livia Serrao, Guido Zolezzi

CONTRIBUTI

HydroVjosa: NaturAlbania pilot action for water monitoring through open science and community of practice

G. Besio, University of Genoa; A. Carboni, VIS Albania; M. Castelletti, CELIM Albania; M. Crivellaro, University of Trento; F. De Leo, University of Genoa; G. Ponti,

CESVI Albania; M. Stagnaro, University of Genoa; G. Timillero, AICS Tirana; G. Zolezzi, University of Trento.

Estimating hospital solid waste produced in a low-income urban context: the case of Beira and Nampula in Mozambique

A. Castellucci, DICAM-Università di Trento; M. Ragazzi, DICAM-Università di Trento; F. Berghi, Progettomondo Onlus; D. Guirrerri, Progettomondo Onlus; I. Rama, CAM-Consorzio Associazioni con il Mozambico Onlus.

Climate change water challenges: a case study of precision irrigation in a data-scarce rural area of Lebanon

N. D'Alberon, C3A-University of Trento; G. Zolezzi, DICAM-University of Trento; D. Mancinelli, Istituto OIKOS Onlus; H. Hassan, Al Shouf Cedar Society; M. Bezzi, Unesco Chair in Engineering for Human and Sustainable Development-University of Trento; L. Brentari, Fondazione Edmund Mach.

An integrated GIS approach for the identification of suitable sites for traditional pokhari water harvesting in rural Nepal

E. Forzini, Department of Agriculture, Food, Environment and Forestry (DAGRI), University of Florence; L. Piemontese, DAGRI; E. Bresci, DAGRI; B. Barthod, International Rainwater Harvesting Alliance (IRHA); F. Bielser, IRHA; M. Sylvestre, IRHA; G. Castelli, DAGRI.

Developing a structured groundwater database for hydrogeological interpretation as a tool for sustainable groundwater management in Guinea-Bissau (W Africa)

A. Marcolla, Department of Geosciences, University of Padova; F. Fussi, Departamento de Geodinámica, Estratigrafía y Paleontología. Facultad de Ciencias Geológicas. Complutense University; F. Asplund, Department of Water and Sanitation, UNICEF; N. Dalla Libera, Department of Geosciences, University of Padova; P. Fabbri, Department of Geosciences, University of Padova; R. Sousa, Department of International Development, TESE-Associação para o Desenvolvimento; M. Rotiroti, Department of Earth and Environmental Sciences, University of Milano-Bicocca; T. Bonomi, Department of Earth and Environmental Sciences, University of Milano-Bicocca.

Data acquisition and facility management in critical contexts. A three year long experimental activity in Bethlehem through innovation and capacity building

M. Morandotti, S. Parrinello, E. Doria, S. La Placa, University of Pavia, Department of Civil Engineering and Architecture.

QGIS tools to support remote data collection and modeling in Solid Waste Management in low-income countries

F. Villa, DICA, Politecnico di Milano; M. Grosso, Politecnico di Milano; M. Vaccari, DICATAM, Università di Brescia.

POSTER

Defeating data scarcity by contextual reuse

S. Bocca, M. Busso, University of Trento.

Why are Neglected Tropical Diseases (NTDs) persistent despite the significant efforts to eradicate them: case of Schistosomiasis in Burkina Faso?

R.F. Compaoré, United Citizens for Sustainable Development (UCSD); M.Sou/Dakouré, WorldBank Group; H. Yacouba, International Institute for Water and Environmental Engineering, Laboratory of Water, Hydro-systems and Agriculture (LEHSA); J.Simporé, University Professor Joseph Ki-Zerbo, Laboratory of Molecular Biology and Genetics (LABIOGENE) – Biomolecular Research Center Pietro Annigoni (CERBA).

Mitigation of the saline intrusion in the Mecúfi district thanks to a well-designed countermeasure

I. Cunico, University of Trento.

Estimation of groundwater potential for manual drilling using a machine learning approach and a groundwater database in South Western Democratic Republic of Congo (DRC)

F. Fussi, UNESCO Chair “Appropriate Technologies for Human Development”. Departamento de Geodinámica, Estratigrafía y Paleontología. Facultad de Ciencias Geológicas. Complutense University; A. García Núñez, UNESCO Chair “Appropriate Technologies for Human Development”. Departamento de Geodinámica, Estratigrafía y Paleontología. Facultad de Ciencias Geológicas. Complutense University; M. Martín-Loeches Garido, Unidad docente de Geologica, University of Alcalá de Henares; S. Toti, ISTAT, National Institute of Statistics; P. Martínez-Santos, UNESCO Chair “Appropriate Technologies for Human Development”. Departamento de Geodinámica, Estratigrafía y Paleontología. Facultad de Ciencias Geológicas. Complutense University.

The development of the first Solid Waste Safety Plan to reduce health risks

G. Vinti, University of Brescia; B. Batinić, University of Novi Sad; V. Bauza, Emory University; T. Clasen, Emory University; T. Tudor, SusConnect Ltd; M. Vaccari, University of Brescia.

09:00 - 10:30

SALA BIANCA
Palazzo Du Mesnil

POL-1

THE IMPACT OF SARS-COV2 LIMITATIONS ON COOPERATION. NEW TRAJECTORIES AND METHODOLOGIES IN THE FIELD OF HUMANITIES: SOCIOLOGY, ANTHROPOLOGY AND LINGUISTICS

Ilaria Micheli

CONTRIBUTI

The impact of SARS-COV2 on an Indonesian-Italian cooperative research project
A. Soriente, C. Zazzaro, Università degli Studi di Napoli "L'Orientale".

Pandemic, mobility and cooperation amid limits and potential

E. Gamberoni, S. Pontrandolfo, Università di Verona.

Preliminary remarks on the implementation of the T-FACTOR Project in Trafaria and its challenges in an era of uncertainty

C. Boldoni, R. Macedo, University of Lisbon.

Local strategies and awareness campaigns on Covid-19 in East Africa

G. Acquaviva, University of Turin.

Il discorso pandemico nelle narrative prodotte sui social media: una prospettiva di ricerca sulla usersphere hausofona e swahilofona

F. Aiello, G.C. Batic, Università degli Studi di Napoli "L'Orientale".

POSTER

Mediazione linguistica, strategie comunicative e proposte per la cooperazione in epoca post-pandemica

C. Bagna, Università per Stranieri di Siena.

11:30 - 13:30

AULA MAGNA
Centro Congressi
Partenope

NET-1

MARE NOSTRUM: A SUSTAINABLE EXPLOITATION OF THE MEDITERRANEAN RESOURCES DRIVEN BY INTERNATIONAL COOPERATION AMONG MUNA PARTNERS

MUNA

INTRODUZIONI

V. Costantino, Department of Pharmacy, Session Coordinator: R. Alfano A. Arena, Law Department, University of Naples Federico II.

CONTRIBUTI

The EU Green Deal: boosting international cooperation and capacity building in the Mediterranean basin

R. Antidormi, EU policy officer Marine Environment Unit e negoziatrice internazionale all'interno della Barcelona Regional Sea Convention e dell'IMO

Sustainability in policy cooperation and projects in the Mediterranean region

S. Dotto, Directorate General for Neighborhood and Enlargement Negotiations (NEAR).

Spring water qualitative aspects in the central Jordan valley / eastern catchments - Palestine

M. Ghanem, Birzeit Universit.

NIR spectroscopy to combat Fish Fraud

N. Dalal, L. Ruggiero, A.G. Caporale, P. Adamo, Department of Agricultural Sciences, University of Naples Federico II.

Promising Applications of Metal Organic Frameworks (MOFs) in Wastewater Treatment through Adsorption and Photo degradation

M. Hmoudah, V. Russo, M. Di Serio, Department of Chemical Sciences, University of Naples Federico II, Chemical Engineering Department, An-Najah National University.

Policies for sustainability in freight and logistics: how to improve implementation in port areas

V. Marzano, Department of Civil, Architectural and Environmental Engineering, University of Naples Federico II; M. Paradiso, DSU Department of Humanities, University of Naples Federico II.

11:00 - 12:30

SALA A

Centro Congressi

Partenope

MED-1

RESEARCH AND MEDICINE IN AFRICA - CHALLENGES AND OPPORTUNITIES

Pasquale Maffia

Prof. Mayowa Ojo Owolabi

Ibadan, Nigeria

Prof. Ntobeko Ntusi

Cape Town, Sudafrica

Prof. Wilson Mandala Oda

Malawi University Of Science And Technology

Prof. Paul Garside

Glasgow, Uk

Malaria Infection Is Not Associated With Development Of Hypertension In The Short-Term In Young Malawian Adults

E. Caiazza, Department Of Pharmacy, School Of Medicine And Surgery, University Of Naples Federico II, Centre For Immunobiology, Institute Of Infection, Immunity And Inflammation, College Of Medical, Veterinary and Life Sciences, University Of Glasgow; W.Mandala, Academy Of Medical Sciences, Malawi University Of Science And Technology; I.Sulani, Malawi-Liverpool Wellcome (Mlw) Trust Clinical Research Programme; M. Soko, Malawi-Liverpool Wellcome (Mlw) Trust Clinical Research Programme; G. Wairimu, Malawi-Liverpool Wellcome (Mlw) Trust Clinical Research Programme; A. Ialenti, Department Of Pharmacy, School Of Medicine And Surgery, University Of Naples Federico II; P. Garside, Centre For Immunobiology, Institute Of Infection, Immunity And Inflammation, College Of Medical, Veterinary and Life Sciences, University Of Glasgow; T.J.Guzik, Institute Of Cardiovascular And Medical Sciences, College Of Medical, Veterinary And Life Sciences, University of Glasgow, Department Of Internal Medicine, Jagiellonian University, Collegium Medicum; K.B.Seydel, Malawi-Liverpool Wellcome (Mlw) Trust Clinical Research Programm, Department Of Osteopathic Medical Specialties, College Of Osteopathic Medicine, Michigan State University; P.Maffia, Centre For Immunobiology, Institute Of Infection, Immunity And Inflammation, College Of Medical, Veterinary and Life Sciences, University Of Glasgow, Department Of Pharmacy, School Of Medicine And Surgery, University Of Naples Federico II.

Prof. Luigi Greco

Unina, Italy

11:00 - 12:30

SALA B

Centro Congressi

Partenope

ECON-2

JUST2CE: CROSS-BORDER SCIENTIFIC COOPERATION FOR A JUST TRANSITION TO CIRCULAR ECONOMY

Alessandro Miraglia

INTRODUZIONI

Alessandro Miraglia, SCP/RAC

CONTRIBUTI

Geographies of Circular Economy: towards a just transition

M. Ripa, Business Department, Autonomous University of Barcelona; M. Pansera, Post-growth InnovationLab, University of Vigo.

Genere ed Economia Circolare (EC). Contributi della Economia Ecologica
Femminista

S. Barca, Univ. Santiago de Compostela.

Decolonising JUST2CE: a tentative manifesto

E. Girei, A. Jimenez, University of Sheffield.

The role of universities in developing just and circular supply chains

R. Passaro, P. Ghisellini, I. Quinto, Department of Engineering, University of Naples "Parthenope"; M. Casazza, Department of Medicine, Surgery and Dentistry, "Scuola Medica Salernitana" University of Salerno; S. Ulgiati, Department of Science and Technology, University of Naples "Parthenope", School of Environment, Beijing Normal University.

G. Ascione, Università degli Studi di Napoli L' "Orientale".

11:00 - 12:30

SALA CONVEGNI

Palazzo Du Mesnil

MIG

IL RUOLO DELLE UNIVERSITÀ NEL PROMUOVERE IL NESSO TRA MIGRAZIONE E SVILUPPO

Fabio Amato, Valeria Saggiomo, Stefania Stefanelli

CONTRIBUTI

Università e nesso tra Migrazione e Sviluppo: La prospettiva della sociologia economica e l'esperienza dell'Università L'Orientale di Napoli con le associazioni di migranti

V. Saggiomo, Università L'Orientale di Napoli.

Progetto DREAMM (Develop and Realise Empowering Actions for Mentoring Migrants: New ways of bringing together newly arrived Third Country): nuovi modi per stare insieme

E. Del vecchio, L.P. Salmi, C. Mazzeschi, Università di Perugia; G.B. Klein, Key & Key Communications; M.T. Terreri, Cidis Onlus.

Corridoi umanitari per studenti rifugiati UNHCR. In collaborazione con Ministero degli Affari Esteri e della Cooperazione Internazionale, UNHCR, Caritas Italiana, Diaconia Valdese, Centro Astalli e Gandhi Charity

M. Damiani, Università di Perugia.

Presentazione del Programma Diaspora – Collaborazione tra l'Associazione Le Réseau e l'Università Luiss

C.A. Dioma, Coordinatore del Gruppo Migrazione e Sviluppo del Consiglio Nazionale per la Cooperazione allo Sviluppo e Presidente dell'Associazione Le Réseau .

La Migrazione circolare come motore di sviluppo: il ruolo delle partnership con le Università. Il Progetto Y-MED

D. Panzeri, Coordinatore Unità Migrazione e Sviluppo, Organizzazione Internazionale per le Migrazioni (IOM).

Il progetto "Mentorship" dell'OIM per una comunità accademica solidale e partecipata

A. Del Guercio, University of Naples "L'Orientale".

Localizzazione e Nesso Umanitario-Sviluppo-Pace nelle crisi protratte di sfollati interni e rifugiati: il caso del Darfur

V. Romano, Agenzia Italiana per la Cooperazione allo Sviluppo – Ufficio di Khartoum.

11:00 - 12:30

SALA BIANCA
Palazzo Du Mesnil

POL-2

**THE NEW BALANCE IN INTERNATIONAL COOPERATION:
POLICIES, PARTNERSHIPS AND KNOWLEDGE BEYOND THE
NORTH-SOUTH AXIS**

Isabella Giunta, Valerio Bini

CONTRIBUTI

Il Summit delle Nazioni Unite sui Sistemi Alimentari nella governance globale dell'agricoltura

M. Conti, University of Calabria.

Cooperazione agricola Cina-Africa e FOCAC 2021

M. Pepa, Università di Padova Dipartimento di Studi Storici, Geografici e dell'Antichità (DISSGeA).

Rural Systems, Higher Education and International Cooperation: Demonstration Farms in Africa

M. Bonetti, University of Brescia.

La cooperazione della Cina negli equilibri latinoamericani del XXI secolo

A.C. Cabrera, E. Crivelli, G. Lo Brutto, Benemérita Universidad Autónoma de Puebla.

La cooperazione internazionale tra squilibri globali e crisi dei contesti locali
A. Sannella, Dipartimento Scienze Umane, Sociali e della Salute, Università di Cassino e del Lazio Meridionale; R. Patimo, Dipartimento di Economia e Finanza, Università di Bari; A. Salustri, Dipartimento di Studi Giuridici ed Economici, Sapienza Università di Roma.

11:00 - 12:30

SALA CONSIGLIO

Palazzo Du Mesnil

ARCHEO-TR

ROUND TABLE: ARCHAEOLOGY AND SUSTAINABLE DEVELOPMENT: A COVENANT FOR THE FUTURE

Anna Filigenzi

CONTRIBUTI

The Archaeology of the Caucasus between revolutions, world wars, nationalisms and last conflicts

M. Castelluccia, University of Naples "L'Orientale".

Betrayed expectations and post-colonial revenge: Archaeology in the cross-hairs of conflicts

A. Filigenzi, University of Naples "L'Orientale".

"L'Orientale" University in the Arabian Peninsula. From the researches to the cultural heritage management, training and "green" perspectives

R. Loreto, University of Naples "L'Orientale".

The ancient and modern rural landscapes of Chorasmia

M. Minardi, University of Naples "L'Orientale".

Archaeology and sustainable development in China: unresolved issues and new perspectives

C. Visconti, University of Naples "L'Orientale".

14:30 - 16:30

AULA MAGNA

Centro Congressi

Partenope

NET-2

"PERSONA: FOR A NEW INCLUSIVE CITIZENSHIP" MUNA FOR SCIENCE, PEACE, EDUCATION: RETHINKING MEDITERRANEAN PROJECT

MUNA

INTRODUZIONI

C. Pignata, Department of Translational Medical Sciences-Section of Pediatrics, University of Naples Federico II; M.R. Barbuche, Department of Immunology, Institut Pasteur de Tunis

CONTRIBUTI

The Tunisian experience of Severe Combined Immunodeficiency

I. Ben Mustapha, Department of Immunology, Institut Pasteur de Tunis.

Diagnosis and treatment of IEI: Clinical, immunological, and molecular characteristics of typical and atypical Severe combined immunodeficiency: a single-center experience over a period of 13years (2008–2021)

B. Belaid, Department of Medical Immunology, Beni-Messous University Hospital Center.

Clinical and immunological features of 96 Moroccan children with SCID phenotype: Two decades' experience

A. Bousfiha, Laboratory of Clinical Immunology, Inflammation, and Allergy, Faculty of Medicine and Pharmacy of Casablanca, King Hassan II University; Clinical Immunology Unit, Department of Pediatric Infectious Diseases, Children's Hospital, Centre Hospitalo-Universitaire Averroes.

Egyptian Experience with Severe Combined Immunodeficiency: 10-year experience

A. Elmarsafy, Pediatrics department, Faculty of Medicine, Cairo University.

Severe combined immunodeficiency (SCID) in Palestine

A. NaserEddin, An-Najah National University, Nablus, Palestine, H Clinic Specialty Hospital.

Proposal of a comparative study on Severe Combined Immunodeficiencies among Countries of the Mediterranean area

G. Giardino, E. Cirillo, C. Pignata, Department of Translational Medical Sciences-Section of Pediatrics, University of Naples Federico II.

For a new inclusive Citizenship in the Mediterranean Basin

F. Galgano, Law Department, University of Naples Federico II; C.V. Giosafatto, Department of Chemical Sciences, University of Naples Federico II.

Palestinian Women in Education and Science

M. Abdalrazeq, Faculty of Medicine and Health Sciences, An-Najah National University.

Linguistic education of Syrian refugees in Turkey: the role of "Amal for Education" on the border between two identities

S. Orselli, Università per Stranieri di Siena.

14:00 - 15:30

SALA A

Centro Congressi

Partenope

MED-2

HEALTH COOPERATION – NEW CHALLENGES IN HEALTH TRAINING AND RESEARCH COOPERATION

Francesco Castelli

CONTRIBUTI

The University for its territory: The inter-university Cooperation between the University of Brescia, Italy and Save University of Changoene, Mozambique
L.R. Tomasoni, Department of Infectious and Tropical Diseases, ASST Spedali Civili of Brescia and University of Brescia, UNESCO Chair in "Training and empowering human resources for health development in resource-limited countries", University of Brescia, Medicus Mundi Italy; A. Madeira, SAVE University of Changoene; P. Magro, Department of Infectious and Tropical Diseases, ASST Spedali Civili of Brescia and University of Brescia; N. Gregori, Department of Infectious and Tropical Diseases, ASST Spedali Civili of Brescia and University of Brescia; C. Cerini, Department of Infectious and Tropical Diseases, ASST Spedali Civili of Brescia and University of Brescia, Medicus Mundi Italy; B. Comini, Medicus Mundi Italy, SAVE University of Changoene; R. Lombardi, Fondazione Museke ONLUS; B. Formenti, UNESCO Chair in "Training and empowering human resources for health development in resource-limited countries", University of Brescia; F. Castelli, Department of Infectious and Tropical Diseases, ASST Spedali Civili of Brescia and University of Brescia, UNESCO Chair in "Training and empowering human resources for health development in resource-limited countries", University of Brescia, Medicus Mundi Italy.

Experiencing PICU in Africa

G. Debertolis, University of Padova; F. Houndjahoue, Doctors with Africa CUAMM; J. C. Gody, University of Bangui; G. Putoto, Doctors with Africa CUAMM; D. Trevisanuto, University of Padova; L. Da Dalt, University of Padova.

Italian Academic Cooperation support to the rebirth of the Somali National University (SNU) - Mogadishu

G.B. Parigi, University of Pavia; F. Castelli, University of Brescia; V. Colizzi, University of Roma Tor Vergata; M.A. Jimale, Somali National University.

Improvement of children care postgraduate teaching as a template for upgrading medical education in Central Asia: the ChildCA project

G.B. Parigi, M. A. Bellinzona, A. Poilova, A. Forte, University of Pavia.

Plasmodium vivax in Cameroonian Duffy negative individuals

G. Russo, Department of Public Health and Infectious Diseases, Sapienza University of Rome; G.B. Djeunang Dongho, Laboratory of Malaria & Vector Research, NIAID; M. Sanou Sobze, Department of Public Health, University of Dschang.

Cooperation between University of Florence, University of Siena (Italy) and Facultad Integral del Chaco, Universidad Autónoma Gabriel René Moreno, Escuela Técnica de Salud Boliviano Japonesa de Cooperación Andina(Bolivia).

Antimicrobial resistance: surveillance and control intervention

M. Spinicci, M. Strohmeyer, A. Bartoloni, G.M. Rossolini, Department of Experimental and Clinical Medicine, University of Florence; T. Di Maggio, L. Pallecchi, Department of Medical Biotechnologies, University of Siena; H. Gamboa, Facultad Integral del Chaco, Universidad Autónoma Gabriel René Moreno; F. Cosmi, Escuela de Salud del Chaco Tekove Katu; E. Caero, Escuela Técnica de Salud Boliviano Japonesa de Cooperación Andina; A.L. Villagrán, Hospital Básico Villa Montes; E. Damiani, Instituto Nacional de Laboratorios de Salud (INLASA), Ministerio de Salud, La Paz.

POSTER

Inter-institutional agreement 2020-2023 between the University of Brescia and Kwame Nkrumah University of Science and Technology, Ghana

T. Agbenyega, Kwame Nkrumah University of Science and Technology (KNUST); B. Opong, HopeXchange Medical Centre; V. Quaresima, University Department of Infectious and Tropical Diseases, University of Brescia and ASST Spedali Civili of Brescia, UNESCO Chair 'Training and Empowering Human Resources for Health Development in Resource-Limited Countries', University of Brescia; A. Terao, International Students Mobility Unit, University of Brescia; B. Formenti, University Department of Infectious and Tropical Diseases, University of Brescia and ASST Spedali Civili of Brescia, UNESCO Chair 'Training and Empowering Human Resources for Health Development in Resource-Limited Countries', University of Brescia; F. Castelli, University Department of Infectious and Tropical Diseases, University of Brescia and ASST Spedali Civili of Brescia, UNESCO Chair 'Training and Empowering Human Resources for Health Development in Resource-Limited Countries', University of Brescia.

Introduction of a Parenteral Nutrition Protocol in neonatal and pediatric age at the NPH Saint Damien Pediatric Hospital in Pot-au-Prince (Haiti): results from an international multidisciplinary working team

F. Baratta, Department of Drug Science and Technology, University of Turin; E. Ambreck, Francesca Rava Foundation-NPH Italia onlus; V. Tomaselli, Francesca

Rava Foundation-NPH Italia onlus; R. Cajuste, NPH Saint Damien Pediatric Hospital; P.H.Saint-Jean, NPH Saint Damien Pediatric Hospital; L. Dorcelus, NPH Saint Damien Pediatric Hospital; J.Alix, NPH Saint Damien Pediatric Hospital; O. Louisma, NPH Saint Damien Pediatric Hospital; P. Roggero, Department of Clinical Sciences and Community Health, University of Milan, Neonatal Intensive Care Unit, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico; V. Puricelli, Neonatal Intensive Care Unit, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico; O. Amato, Neonatal Intensive Care Unit, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico; R. Dall'Amico, Santa Maria degli Angeli Hospital; P. Brusa, Department of Drug Science and Technology, University of Turin.

Epidemic risk in urban areas: a concept map and risk assessment tool.

G. Cainelli, I. Amoroso, Università degli Studi di Padova, DCTV-Igiene e Sanità Pubblica; M. Maharjan, Tribhuvan University, Central Dept. of Zoology; M. Fonzo, C. Bertoncello, T. Baldovin, Università degli Studi di Padova, DCTV-Igiene e Sanità Pubblica.

A sustainable solution to address the unmet need of Specialist and General Surgical Services for Children living in two Sudanese States: The Hub and Spoke Model

A. Calisti, Pediatric Surgery Unit-San Camillo Forlanini Hospita; F.M. Nugud, The Gezira National Centre for Pediatric Surgery; A. Aloï, Expert in International Development Cooperation; P. Giambelli, AICS (Italian Agency for Development Cooperation); G. Lisi, Pediatric Surgery Unit, "G. d'Annunzio" University of Chieti-Pescara; P. Lelli Chiesa, Pediatric Surgery Unit, "G. d'Annunzio" University of Chieti-Pescara.

The water we would like

L.Foti, Doctoral School "Applied Biology and Environmental Safeguard", University of Basilicata; F. Lelario, University of Basilicata; M. Qurie, Al Quds University; R. Karaman, Al Quds University; S.A. Bufo, University of Basilicata; L. Scrano, University of Basilicata.

Training and retention of health personnel in Sudan: challenges and opportunities posed by the changed political context

V. Romano, Italian Agency for Development Cooperation-Khartoum Office.

14:00 - 15:30

SALA B

Centro Congressi

Partenope

ECON-3

WHAT ARE THE REAL KEYS OF A SUSTAINABLE DEVELOPMENT?

Giovanni Mottini

CONTRIBUTI

Il ruolo dell'educazione nelle strategie per lo sviluppo umano

G. Mottini, University Campus Bio Medico

L'inadeguatezza dei quadri normativi sanitari internazionali in tempo di crisi ed in paesi a basso reddito

L. Pecchia, Università Campus Biomedico Roma; A. Maccaro, Università di Warwick.

Two questions under different categories: the keys to development and the door to open it

R. Ridolfi, President LINK2007.

Sviluppo sostenibile per chi? Breve riflessione sulla "sociologia" degli attori della cooperazione allo sviluppo

A. Rocchi, M&E/Protection and Gender Issues Expert/Lecturer Master in International Cooperation and Development-University of Bethlehem.

Il ruolo delle open innovation platforms nella crescita sostenibile del continente africano. Il programma Open Africa Power.

L. Spinosa, Enel Foundation.

14:00 - 15:30

SALA CONVEGNI

Palazzo Du Mesnil

UNI-1

SDG 2 AND SDG3 NEXUS: A LINK THAT REQUIRES A SYSTEMATIC RESPONSE THROUGH COOPERATION AMONG UNIVERSITIES

Antonella Baldi, Guido Sali

CONTRIBUTI

Global Health didactics and research to foster international solidarity and cooperation

M. C. Raviglione, S. Villa, A. Gori, Centre for Multidisciplinary Research in Health Science(MACH), University of Milan.

Food and Feed safety: relationships between EU and extra EU countries in the frame of animal production

G. Savoini, Dep. f Veterinary Medicine and Animal Science, Università degli Studi di Milano.

Joint programs with international university partners

M. Thiene, University of Padova.

Sustainability and international cooperation in university curricula

M. Vittuari, University of Bologna.

POSTER

A new place for a new future: the example of the Great Green Wall

G. Di Rosario, Department of Clinical and Experimental Sciences, University of Brescia, WHO Collaborating Centre for Tuberculosis and HIV co-infection and the TB Elimination Strategy

14:00 - 15:30

SALA BIANCA
Palazzo Du Mesnil

NET-6

THE CONTRIBUTION AND CHALLENGES OF CAPACITY-BUILDING INITIATIVES FOR ACHIEVING AGENDA 2030 GOALS

Laura Fantini

CONTRIBUTI

Systemic spatial integrated management as a capacity building tool to achieve SDGs targets

F. Attorre, Department of Environmental Biology, University of Rome.

Strengthening global partnerships and research impacts for climate environment and development

L. Ricci, University College Dublin.

Ambiente urbano e salute: la cooperazione accademica tra le discipline dell'architettura e dell'ingegneria per gli obiettivi di sviluppo sostenibile dell'Agenda 2030

F. Giofrè, M. El Edeisy, Sapienza Università di Roma, Dipartimento Architettura e Progetto.

The role of context in capacity-building initiatives: unexpected processes and outcomes

L. Fantini, Sapienza University of Rome.

14:00 - 15:30

SALA CONSIGLIO
Palazzo Du Mesnil

UNI-TR

ROUND TABLE: COOPERATION IN TIMES OF EMERGENCY: POSSIBLE WAY OUTS

Luisa Sernicola

16:30 - 17:30

AULA MAGNA

Centro Congressi
Partenope

NET-TR

MUNA

POSTER

R. Teta, G. Esposito, K. Kundu, M. Lega, V. Costantino, "TheBlueChemistryLab"
Department of Pharmacy, University of Naples Federico II, UniversityParthenope.

A. Castaldi, L. Le Moyec, M. Triba, J. Petitbois, A. Blond, G. Le Penneec, M. Bourget-Kondracki, Laboratoire Molécules de Communication et Adaptation des Micro-organisms UMR 7245 CNRS, Muséum National d'Histoire Naturelle.

On borders. An operational proposal for a sustainable city

E. Di Chiara, Sapienza University of Rome; N. Campanile, Polytechnic of Bari; O. Lubrano, Sapienza University of Rome.

R. Aburamad, Applied Science University, Jordan; C. Trillo, C. Ncube Makore, A.Moustaka, C. Udeaja, G. Kwasi, University of Salford; A.J. Nashwan, N. Jawarneh, Yarmok University; V.A. Cotella, University of Naples Federico II.

Vegan food pigments: not a safe solution

C. Fogliano, C. Agnisola, C. Arena, B. Avallone, C.M Motta, University of Naples Federico II.

Trout as biosentinel species in ORBIS cooperation for the monitoring of organochlorine contamination

A. Monnolo, University of Naples Federico II; M.T. Clausi, Experimental Zooprophyllactic Institute of Southern Italy; F. Del Piano, M.C. Ferrante, University of Naples Federico II.

Xenopus laevis: model for cooperating to ecotoxicology studies

R. Carotenuto, University of Naples Federico II; M.M. Pallotta, IRGB, NationalResearch Council (CNR).

Co-operation for exploration of endolichenic and endophytic fungi for application in agriculture and medicine

S.Padhi, D. Kumar Jha, A. Sarma, University of Gauhati; M. Masi, A. Cimmino, K. Tayung, University of Naples, Federico II.

Lathyrus sativus (grass pea): morphological characterization and in vitro digestion

S. Lassoued, University of Tunis EL Manar; C.C.L. Giosafatto, L. Mariniello, T.F. Neila, University of Naples Federico II.

International Cooperation Italy-Tunisia: Ecocytotoxicological studies to enhance management actions for reducing pharmaceuticals in the Mediterranean area
G. De Marco, University of Messina; S. Afsa, M. Galati, H. ben Mansour, Higher Institute of Applied Sciences and Technology of Mahdia; T. Cappello, University of Monastir.

Modeling approach to simulate the impact of an aquifer recharge management in rural area in the El Tarf region (North-East Algeria)

H. Gouiez, Chadli Bendjedid El-Tarf University; S. Labar, REDD Lab, Houari Boumediene University of Science and Technology; F. Medjani, University Kasdi Merbah Ouargla; M. Djidel, University Kasdi Merbah Ouargla.

Cow breeding and feeding methods as a bridge between environmental sustainability and human health

F. Cimmino, L. Petrella, G. Cavaliere, C.Sarro, Z. Coppola, R. Tudisco, P. Iommelli, A. Pizzella, G. Trinchese, University of Naples Federico II.

Use of *Ulva lactuca* to detoxificate and reduce DNA damage in *Lates calcarifer* (Bloch, 1790)

A.R. Bianchi, O.S. Olanrewaju, E. Leonetti, A. De Maio, University of Naples Federico II, Universiti Malaysia Terengganu.

Acute toxicities of Ketoprofen and Paracetamol in *Danio rerio* embryos

I. Ben Chabchoubi, Université de Monastir; N. Louhichi, A. Baanannou, S. Masmoudi, Centre de Biotechnologie de Sfax; O. Hentati, Université de Sfax.

A. Krituhi, Sultan Moulay Slimane University Beni Mellal - Cadi Ayyad University; K. Ouaisa, M. Hasnaqui, Sultan Moulay Slimane University, Beni Mellal.

Mortality of *Micropterus salmoides* (Lacépède, 1802) and *Cyprinus carpio* (Linnaeus, 1758) and *Oreochromis niloticus* (Linnaeus, 1758) (Al-Massira dam Lake, Morocco)

S. Ouahb, M. Bousseba, L. Ferraj, M. Hasnaqui, University of Sultan Moulay Slimane.

Linear and weight growth parameters of *Micropterus salmoides* (Lacépède, 1802), in Moroccan fresh waters

L. Ferraj, M. Bousseba, S. Ouahb, M. Hasnaqui, University of Sultan Moulay Slimane.

Aging effect on the reproductive output of silver carp (*Hypophthalmichthys molitrix*, Valenciennes, 1844)

F.Z. Majdoubi, A. Ouizgane, S. Farid, M. Droussi, M. Hasnaoui, University of Sultan Moulay Slimane.

Assessment of sediment quality in Lake Dayet Er-Roumi (Morocco) using metal contamination indices

S. El ghizi, University of Sultan Moulay Slimane; S. Hssaissoune, M.El bouch, National Laboratory for Pollution Studies and Monitoring (LNESP); M.Sadik, National Center for Hydrobiology and Fish Farming, Azrou.HCEFLCD; M.Hasnaoui, Sultan Moulay Slimane University.

Pollutants Impact Detection on Biosentinels by Non-Invasive Procedures: a Cooperative Sustainable Development Goal to Achieve

C. Parisi, J. Sandonnini, M.R. Coppola, University of Naples Federico II.

Exploring the diagnostic potential of cancer stem cell in prostate cancer

N. Srividhya, G.Choudhary, K.Kant Shukla, All India Institute of Medical Sciences.

Aging effect on the reproductive output of silver carp (*Hypophthalmichthys molitrix*, Valenciennes, 1844)

K. Ouaiassa, A. Kritihi, University of Sultan Moulay Slimane; A. aziz Maycha, Y. Oumessoud, Fish Farming Ain Aghbal; M. Hasnaoui, University of Sultan Moulay Slimane.

Cooperation in times of emergency and beyond: virtual, in silico and in vitro or in vivo wet labs for training innovators of sustainable development and improving Lifelong Learning opportunities

R. Del Gaudio, University of Naples Federico II.

Studies on antibacterial activity of actinobacteria isolated from Moroccan ecosystem against a freshwater psychrophilic bacterium

A. Kritihi, K. Ouaiassa, M. Hasnaoui, University of Sultan Moulay Slimane.

R.F. Compaoré, United Citizens for Sustainable Development (UCSD); M. Sou/Dakouré, World Bank Group; PH. Yacouba, International Institute for Water and Environmental Engineering, Laboratory of Water, Hydro-systemsand Agriculture (LEHSA); J. Simporé, University Professor Joseph Ki-Zerbo.

Argan seeds proteins valorisation to obtain amylose-containing blended bioplastics

M. Famiglietti, L. Mariniello, University of Naples Federico II.

Identifying integrated approaches to soil quality assessment in Mediterranean areas: Italy-Algeria cooperation

A. De Marco, University of Naples Federico II; P. Napoletano, University of Molise; N. Guezgouz, University Mohamed Cherif Messaadia Souk Ahras.

S. Amamra, K. Melwah, F. Amamra, Laboratory of Aquatic and Terrestrial Ecosystems, Department of Biology; C. Bouallegu, Badji Mokhtar University Annaba; N. Kaouachi, Laboratory of Aquatic and Terrestrial Ecosystems, Department of Biology.

S. Amamra, K. Melwah, F. Amamra, Laboratory of Aquatic and Terrestrial Ecosystems, Department of Biology; C. Bouallegu, Badji Mokhtar University Annaba; N. Kaouachi, Laboratory of Aquatic and Terrestrial Ecosystems, Department of Biology.

M. Abdalrazeq, N. Jaradat, M. Qadi, An-Najah National University, Nablus; C.V-L. Giosafatto, R. Gaglione, E. Dell'Olmo, A. Arciello, R. Porta, University of Naples Federico II; D. Mukherjee, University of Kalyani.

16:00 - 17:30

SALA A
Centro Congressi
Partenope

ENV-2

PARTICIPATORY RESEARCH AND OPEN SCIENCE FOR MANAGING THE WATER-ENERGY-FOOD-ECOSYSTEM-SOCIETY (WEFES) NEXUS ACROSS THE GLOBAL SOUTH AND THE GLOBAL NORTH

Giulio Castelli

CONTRIBUTI

Transition management towards Water-Energy-Food-Ecosystem Nexus Through Responsible Research and Innovation – preliminary results from four Mediterranean Countries

X. Schneider, XPRO Consulting Limited; L.R. Sinobas, Universita Politécnic de Madrid; R. Rosetto, Scuola Superiore Sant'Anna; M. Bahnassy, Alexandria University; F. Abdelli, Institut Régions Arides de Médenine; S. Mhemdi, Commissariat Régional au Développement Agricole Gabes.

A participatory approach to map and assess Cultural Ecosystem Services provided by Protected Areas in Albania

M. Crivellaro, Center for Agriculture Food, Environment, University of Trento; G. Timillero, Italian Agency for Development Cooperation - Tirana; A. Carboni, VIS Albania; M. Castelletti, CELIM Albania; G. Ponti, CESVI Albania; D. Geneletti, Department of Civil, Environmental and Mechanical Engineering University of Trento.

Agricultural production in Egypt: between sustainability and increasing demand
M. Sardo, D.D. Chiarelli, M.C. Rulli, Dipartimento di Ingegneria civile e ambientale, Politecnico di Milano.

Water, energy, food and environment nexus in six irrigation schemes of the Spanish Duero basin

I. Naroua, Université Boubakar Bâ de Tillabéri; L. Rodriguez Sinobas, Research group "Hydraulic for Irrigation". Agricultural Engineering School, Technical University of Madrid (UPM).

Potential of biochar derived from food industries as a sustainable adsorbent material for clean water provision in developing countries

W.A.M.A.N. Illankoon, S. Sorlini, Department of Civil, Environmental, Architectural Engineering and Mathematics, University of Brescia, CeTAMB Lab - Laboratory Centre on Appropriate Technologies for Environmental Management in Resource - Limited Countries, University of Brescia; C. Milanese, C.S.G.I. & Department of Chemistry, University of Pavia; M.C. Collivignarelli, Department of Civil Engineering and Architecture, University of Pavia, Interdepartmental Centre for Water Research, University of Pavia; F.M. Caccamo, Department of Civil Engineering and Architecture, University of Pavia.

Modelling the impacts of water harvesting and climate change on rainfed maize yields in Senegal

A. Setti, G. Castelli, Department of Agriculture, Food, Environment and Forestry (DAGRI), Università degli Studi di Firenze; L. Villani, Department of Agriculture, Food, Environment and Forestry (DAGRI), Università degli Studi di Firenze, Hydrology and Hydraulic Engineering Department, Vrije Universiteit Brussels (VUB); R. Ferrise, E. Bresci, Department of Agriculture, Food, Environment and Forestry (DAGRI), Università degli Studi di Firenze.

Rainwater harvesting techniques to support food security and climate adaptation in African drylands

P. Tamagnone, T. Pacetti, E. Caporali, Department of Civil and Environmental Engineering, University of Florence.

Methods and indicators for the operationalization of the Water-Energy-Food-Ecosystem Nexus in the Mediterranean, with a focus on policy

E. Lucca, J. El Jeitany, G. Castelli, T. Pacetti, E. Bresci, E. Caporali, Università degli Studi di Firenze (UNIFI).

POSTER

Physico-chemical assessment of water quality in the wetland area of the Technopole in Dakar, Senegal

D.Bop, Analytical Chemistry Laboratory at the University Cheikh Anta Diop of Dakar; M.T. Gueye, Analytical Chemistry Laboratory at the University Cheikh Anta Diop of Dakar; O. Gueye, Titular Professor of Exceptional Class Universities in Inorganic Coordination Chemistry.

Water-Energy-Food (WEF) Nexus: A case study of Raichur District of Karnataka, India

S.S. Das, Research Assistant, EECF, NIAS; A.V. Krishnan, Principal Scientist, EECF, NIAS; R. Srikanth, Professor and Dean, EECF, NIAS.

Fostering Euro-Mediterranean international cooperation to mainstream WEFE Nexus approaches: insights from the Italian, Spanish, Tunisian and Egyptian Nexus Ecosystem Labs of the PRIMA-funded NEXUS-NESS project

F. Nardi, A. Annis, A. Spasiano, M. Fursova, WARREDOC, University for Foreigners of Perugia; E. Caporali, E. Bresci, G. Castelli, T. Pacetti, J. El Jeitany, Univ. Studi di Firenze (UNIFI); M.C. Rulli, D. Danilo Chiarelli, N. Galli, Politecnico di Milano (POLIMI); R. Rossetto, Scuola Superiore Sant'Anna (SSSA); M. Bonamente, G. Lascialfari, Urby et Orbit (UEO); F. Tessari, Fondazione Eni Enrico Mattei (FEEM); L. Rodriguez Sinobas, Univ. Politécnica de Madrid (UPM); X. Theodotou Schneider, XPRO Consulting Limited (XPRO); S.D. Marcu, M. Correa Mendes, DESIGN & DATA GmbH (DDATA); C. Cudennec, M. Merheb, UMR SAS, Institut Agro, INRAE; M. Bahnassy, Alexandria Univ. (AU); M. Ouessar, F. Abdelli, M. Ben Zaied, M. Fetoui, Institut Régions Arides de Médenine (IRA); S. M'hemdi, Commissariat Régional au Développement Agricole Gabès (CRDA).

A trans-disciplinary approach towards the Climate Change, Water, Land, and Food Security Nexus in Sub-Saharan Africa.

S.A. Ofori, Département de Biologie des Organismes, Faculté des Sciences, Université Libre de Bruxelles, Dipartimento di Biologia, Università degli Studi di Firenze; S.J. Cobbina, Department of Environment and Sustainability Sciences, University for Development Studies, Tamale; S. Obir, Advanced Material Science Division, CSIR-Building and Road Research Institute, Kumasi.

An integrated educational and research activity with Rwandan universities in the field of Water-Food-Ecosystem Nexus

R. Valentino, D. Barbanti, M. D'Oria, S. Rossetti, Università degli Studi di Parma-Campus delle Scienze.

Preliminary analysis of the AGROS-Smart explorative survey on small-holder farmers across the globe

D. Vito, CSAGYN Italy

16:00 - 17:30

SALA B
Centro Congressi
Partenope

NET-7

INTERUNIVERSITY CENTERS FAVOR THE PERSONALIZATION OF PROJECTS. THE EXPERIENCE (S) OF CIRPS

Luigi Mansi, Roberto Ridolfi

INTRODUZIONI

Introduzione sui Centri Interuniversitari (C-IU), intesi come istituzioni in grado di favorire la cooperazione con il Sud del mondo.

R. Ridolfi, LINK2007, CIRPS (Chair)

CONTRIBUTI

L'evoluzione della Cooperazione internazionale allo sviluppo del CIRPS. Dalla Cooperazione con i PVS alla SU.SCI

V. Naso, Direttore CIRPS.

Come progettare un sistema sanitario personalizzato sulla risposta ai problemi e sulle disponibilità economiche locali

L. Mansi, Coordinatore, Sezione Salute e Sviluppo, CIRPS.

Field Studies for Mini Grid Optimization (FS4MGO) International Research Group: Research activities gathering scholars of Sapienza, MIT, Pisa, and other international Universities

A. Micangeli, Sapienza – State University of New York.

Last Twenty: il ruolo della cooperazione interuniversitaria

T. Perna, Università di Messina.

Scienza e tecnologia per lo Sviluppo Sostenibile

S. Grego, Centro Interuniversitario di Ricerca per lo Sviluppo Sostenibile (CIRPS).

Investire in Sostenibilità dà buoni frutti

M. Guerra, Centro Interuniversitario di Ricerca per lo Sviluppo Sostenibile (CIRPS).

The tailor made approach from hybrid to full sustainable energy systems as a push for product, process and organisational innovation

M. Greca, CEO ASCOT INTERNATIONAL; R. Ridolfi, Investment and sustainability expert.

CeTAmbA university center for the development of appropriate technologies for environmental management in resource limited countries

S. Sorlini, Director of CeTAmb, Department of Civil, Environmental, Architectural Engineering and Mathematics, University of Brescia; A. Masoud, University of Brescia, CeTAmb; C. Tonelini Pereira, Coordinator of the Institute '4 elementos'; M. Vaccari, Department of Civil, Environmental, Architectural Engineering and Mathematics, CeTAmb, University of Brescia.

POSTER

America Latina-Italia: l'innovazione nella tradizione dell'etnofarmacopea per il futuro sostenibile

M. Grandi, C. Baiocchi, A. Ballati, La Torre di Maurizio GrandiCorso di Alta Formazione in Antropologia della Salute nei Sistemi Complessi.

Nuovi modelli gestionali per un futuro sostenibile

R. Salerno, Centro Inter-universitario di ricerca per lo sviluppo sostenibile, CIRPS.

La valorizzazione del patrimonio identitario come fattore di sviluppo sostenibile. Soluzioni per la tutela dei beni culturali e ambientali dalle emergenze antropiche e naturali

P. De Marco, Centro Interuniversitario di Ricerca per lo Sviluppo Sostenibile.

16:00 - 17:30

SALA CONVEGNI
Palazzo Du Mesnil

UNI-2

ACADEMIC KNOWLEDGE, INTERNATIONAL COOPERATION AND AFRICAN SOCIETIES

Antonio Pezzano, Sara De Simone

CONTRIBUTI

Rural Systems, Higher Education and International Cooperation: Demonstration Farms in Africa

M. Bonetti, University of Brescia.

Lessons from Evaluation on Institutional Steps to Shifting Power

C. Blaser Mapitsa, University of the Witwatersrand.

Scientific Diplomacy and Challenges of the Global Development

D. Shendrikova, N. Golinucci, N. Stevanato, F. Tonini, E. Colombo, Politecnico di Milano.

Nomadic landscapes, local knowledge and ethnography: operationalising One Health among pastoral communities in Northern Kenya

E. Grasso, Università degli Studi di Torino.

Academic Knowledge at the grassroots level - The experience of Mani Tese in Kenya

S. Albertazzi; V. Bini; S. Tini

Gender Studies and Sustainable Development in the MENA (Middle East and NorthAfrica) Region: Interactions, conflicts and transfer of good practices among civil society, the state and international actors

E. Francesca, S. Borrillo, M. Tarantino, Università degli Studi di Napoli L'Orientale.

Contrastare le disuguaglianze nella produzione della conoscenza. Quale ruolo per la cooperazione universitaria? Spunti per azioni concrete

M. Montanini, E. Dansero, DCPS, UNITO.

The double essence of the emergency: doing fieldwork in security "red-zones"

V. Blaiotta, Università degli Studi di Catania, École des hautes études en sciences sociales.

POSTER

UNI.COO project: a bridge by university students between the academic international cooperation and the civil society

M. Mosca, M. Montanini, E. Dansero, A. Calvo, CISAO (Centro Interdipartimentale di Ricerca e Cooperazione Tecnico Scientifica con l'Africa, University of Torino).

16:00 - 17:30

SALA BIANCA

Palazzo Du Mesnil

TECH-1

CARTOGRAPHY IN DEVELOPMENT COOPERATION: POWER AND COUNTERPOWER, CRITICAL APPROACHES AND NEW TECHNOLOGIES

Giacomo Pettinati

CONTRIBUTI

Evaluating the fight against desertification using remote sensing: Mani Tese's project in Burkina Faso

F. Giacometti; V. Bini; S. Albertazzi

Analisi spaziale per la cooperazione allo sviluppo: potenzialità progettuale e didattica universitaria dei sistemi informativi geografici

S. Grandi, University of Bologna.

Placemarks Africa, the use of satellite imagery to raise awareness about environmental, social and humanitarian issues

F. Monica, founder Placemarks-Africa.

POSTER

Droni per la gestione partecipata della foresta Mau (Kenya): potenzialità e limiti
S. Albertazzi, V. Bini, Università Statale di Milano.

Firstlife for decentralized cooperation

E. Barone, G. Boella, M. Cerutti, A. Ruggeri, C. Viano, Università degli Studi di Torino.

16:00 - 17:30

SALA CONSIGLIO

Palazzo Du Mesnil

POL-TR

ROUND TABLE: THE ROLE OF UNIVERSITIES IN EVALUATING INTERNATIONAL COOPERATION

Valeria Saggiomo

INTERVENTI

F. Capecchi, Direttore dell'Ufficio Valutazione degli interventi e vigilanza sull'Agenzia italiana per la Cooperazione allo Sviluppo presso la Direzione Generale per la Cooperazione allo Sviluppo, Ministero degli Affari Esteri e della Cooperazione Internazionale.

C.G. Cereti, Università La Sapienza di Roma, Delegato Cooperazione Internazionale e Rappresentante della Sapienza nel CUCS.

Emanuela Colombo

Gian Battista Parigi

F. Giofrè, Università la Sapienza di Rom

CONTRIBUTI

Il sistema di cooperazione italiano, la valutazione e le Università, una partnership da rafforzare

V. Saggiomo, Università L'Orientale di Napoli, Co-chair Gruppo Tematico Valutare nella Cooperazione - Associazione Italiana di Valutazione.

La ricerca valutativa come terza missione sui generis. Il caso della valutazione dei progetti di co-sviluppo finanziati da Regione Toscana

G. Tomei, Università di Pisa, Presidente Associazione Italiana di Valutazione.

La ricerca universitaria per la cooperazione allo sviluppo sostenibile. L'esperienza dell'Università degli Studi di Perugia in Palestina. Progetto Palestina: In collaborazione con la sede di Gerusalemme dell'Agenzia italiana per la cooperazione e lo sviluppo, competente per le iniziative di cooperazione in Cisgiordania, Gerusalemme Est e Striscia di Gaza, e con gli Atenei della Palestina.

S. Stefanelli, Università di Perugia.

Biodiversità e Sviluppo locale: un modello di valutazione per i Parchi Nazionali italiani

V. Lo Presti, A. Calderamo, Dipartimento di Comunicazione e Ricerca Sociale, Sapienza–Università di Roma.

Z. Achouri, Hygiene and Public Health Unit, Department of Cardiac, Thoracic, Vascular, Sciences and Public Health. Università di Padova

B. Sgorbissa, Hygiene and Public Health Unit, Department of Cardiac, Thoracic, Vascular, Sciences and Public Health. Università di Padova

C. Bertonecello, Hygiene and Public Health Unit, Department of Cardiac, Thoracic, Vascular, Sciences and Public Health. Università di Padova

Sviluppo di uno strumento multidimensionale di integrazione tra Project Management e Implementation Research per la Cooperazione Sanitaria Internazionale

F. Manenti, G. Putoto, Doctors with Africa CUAMM.

Rafforzare il partenariato tra università e organizzazioni della società civile negli interventi di cooperazione internazionale allo sviluppo

L. Fantini, Consulente valutatore, Co-chair Gruppo Tematico Valutare nella Cooperazione–Associazione Italiana di Valutazione.

23 APRILE 2022, SABATO

09:00 - 10:30

AULA MAGNA
Centro Congressi
Partenope

UNI-6

PROGETTO AICS-PARTNER FOR KNOWLEDGE - DOTTORATI DI RICERCA
Giorgio Banti

09:00 - 10:30

SALA A
Centro Congressi
Partenope

ENV-3

THE FOREST: A MULTIFUNCTIONAL ASSET FOR COPING WITH ONGOING CLIMATE CHANGE
Stefano Bruzzese

CONTRIBUTI

I servizi ecosistemici forestali: percezione e consapevolezza della società civile
S. Bruzzese, S. Blanc, F. Brun, Department of Agricultural, Forest and Food Sciences (DISAFA) University of Turin.

Forest management and the fight against climate change in EU policy
A. Del Guercio, University of Naples L'Orientale.

Intangible forest ecosystem services and social innovation: exploring the link in Italian rural areas
V. Marini Govigli, Università di Bologna.

Il ruolo della gestione forestale sostenibile nella mitigazione dai cambiamenti climatici
A. Paletto, CREA-Centro di ricerche Foreste e Legno; I. De Meo, CREA-Centro di ricerche Agricoltura e Ambiente; P. Cantiani, CREA-Centro di ricerche Foreste e Legno; A. Lagomarsino, CREA-Centro di ricerche Agricoltura e Ambiente.

Il legno come risorsa strategica: criticità e proposte fra SFN e PNRR
S. Romano, School of Agricultural, Forest, food and Environmental Science - SAFE University of Basilicata.

Modelli per la valutazione economica dei servizi ecosistemici nei territori agro-forestali: esempi applicativi per la stima del valore ricreativo e della caccia in Toscana
C. Fagarazzi, C. Sergicomi, Dipartimento di Scienze e Tecnologie Agrarie, Alimentari, Ambientali e Forestali Università degli Studi di Firenze.

POSTER

Ethiopian forests among national policies, institutional changes, and political discourses

V. Acquafredda, University of Urbino Carlo Bo.

09:00 - 10:30

SALA B
Centro Congressi
Partenope

UNI-3

**INTERNATIONAL COOPERATION IN UNIVERSITY TEACHING:
TRAINING INNOVATORS FOR SUSTAINABLE DEVELOPMENT**

Laura Grassini, Michele Dassisi

CONTRIBUTI

Education, applied scientific research and cooperation: a virtuous synergy to promote sustainable agriculture in the Mediterranean

N. Lamaddalena, A. Scardigno, CIHEAM - Bari Institute.

Sustainable outcomes through immersive experience and entrepreneurial engagements: grassroots to global model

Anamika Dey, CEO, GIAN and visiting Faculty, IIMA; Anil Gupta, VF, IIMA, IITB, AcSIR and NIPER-A; L. Grassini, Università degli Studi di Firenze.

Challenges and opportunities in Higher Education on Climate Change Management by Erasmus+ networking in Egypt – the AdapTM Project

R. Privitera, D. La Rosa, F. Martinico, V. Pappalardo, Department of Civil Engineering and Architecture University of Catania.

Inclusive and interdisciplinary higher education projects. A discussion on some experiences of CISAO

P. Barge, DISAFA (Dipartimento di Scienze Agrarie, Forestali, Ambientali, University of Torino), CISAO (Centro Interdipartimentale di Ricerca e Cooperazione Tecnico Scientifica con l'Africa, University of Torino); C. Semita, CISAO (Centro Interdipartimentale di Ricerca e Cooperazione Tecnico Scientifica con l'Africa, University of Torino); D. De Meneghi, CISAO (Centro Interdipartimentale di Ricerca e Cooperazione Tecnico Scientifica con l'Africa, University of Torino), DSV (Dipartimento di Scienze Veterinarie, University of Torino); R. Fortina, DISAFA (Dipartimento di Scienze Agrarie, Forestali, Ambientali, University of Torino), CISAO (Centro Interdipartimentale di Ricerca e Cooperazione Tecnico Scientifica con l'Africa, University of Torino); A. Calvo, DISAFA (Dipartimento di Scienze Agrarie, Forestali, Ambientali, University of Torino), CISAO (Centro Interdipartimentale di Ricerca e Cooperazione Tecnico Scientifica con l'Africa, University of Torino).

International cooperation as enabling context for new approaches and competencies for sustainable development

D. Borri, Politecnico di Bari, DICATECh e Meta-Laboratorio Sostenibilità; M.T. Cuonzo, Regione Puglia, Sezione Politiche Abitative; L. Grassini, Politecnico di Bari, DICATECh e Meta-Laboratorio Sostenibilità.

POSTER

Virtual Exchange to Tackle Wicked Problems: The Case of the VAMOS Project

F. Jonsson, Uppsala University; L. Brandolin, University of Padua.

A new place for a new future: the example of the Great Green Wall

G. Di Rosario, Department of Clinical and Experimental Sciences, University of Brescia, WHO Collaborating Centre for Tuberculosis and HIV co-infection and the TB Elimination Strategy

09:00 - 10:30

SALA CONVEGNI

Palazzo Du Mesnil

UNI-2

ACADEMIC KNOWLEDGE, INTERNATIONAL COOPERATION AND AFRICAN SOCIETIES

Antonio Pezzano, Sara De Simone

09:00 - 10:30

SALA BIANCA

Palazzo Du Mesnil

NET-6

THE CONTRIBUTION AND CHALLENGES OF CAPACITY-BUILDING INITIATIVES FOR ACHIEVING AGENDA 2030 GOALS

Laura Fantini

CONTRIBUTI

Supporting Libyan municipalities through capacity building: the role of international actors and local universities

S. Rossi

Il Progetto ResearchCult: processi e competenze per la progettazione e la realizzazione di azioni strategiche a supporto della ricerca universitaria

F. Deriu, Sapienza University of Rome.

Developing a Master Degree in Industry 4.0 in Malaysia, Cambodia and Indonesia

I. Chatzigiannakis, Sapienza University of Rome.

The role of capacity building in international development cooperation: evidence from the CIMA Foundation experience on disaster displacement risk reduction in the IGAD region

E. Panizza, G. Casano, University of Genoa-CIMA Foundation.

Virtual Exchange to Tackle Wicked Problems: The Case of the VAMOS Project”
F. Jonsson, Uppsala University; J.R. Ferreira Guerra, Universidade Federal De Pernambuco; Y. Eguigure, Universidad Pedagógica Nacional Francisco Morazán.

11:00 - 12:30

AULA MAGNA
Centro Congressi
Partenope

UNI-6

PROGETTO AICS-PARTNER FOR KNOWLEDGE - DOTTORATI DI RICERCA

Giorgio Banti



Annex 8 - A selection of conference presentations by the Chairholder

Lecturer	Title (in the language the lecture has been delivered)	Congress/conference	Venue, date
Castelli F.	Le grandi pandemie della storia: dalla peste antonina al COVID-19 <i>(The Great Pandemics in History: From the Antonine Plague to COVID-19)</i>	Prima, durante e dopo il Covid: tra infezione e infiammazione <i>(Before, during, and after Covid: between infection and inflammation)</i>	Brescia, 11 February 2022
Castelli F.	Rifugiati e salute. Al di là dei luoghi comuni” <i>(Refugees and Health: Beyond Commonplaces)</i>	Evento finale progetto START 2.0 <i>(Final meeting START 2.0)</i>	Brescia, 16 March 2022
Castelli F.	Il vaccino RTS,S/AS01 contro la malaria <i>(Vaccine RTS,S/AS01 against malaria)</i>	XI Congresso Nazionale della Società Italiana di Medicina Tropicale e Salute Globale <i>(XI National Congress of the Italian Society of Tropical Medicine and Global Health)</i>	Firenze, 7-8 April 2022
Castelli F.	Perché le persone migrano? I determinanti delle migrazioni <i>(Why do people migrate? Drivers of migration)</i>	Diritto di (non) emigrare <i>(The right to (not) emigrate)</i>	Brescia, 13 April 2022
Castelli F.	Dalla eradicazione della poliomielite alle malattie infettive già conosciute ed emergenti <i>(From Polio Eradication to Known and Emerging Infectious Diseases)</i>	UnivaxDay 2022	Brescia, 29th April 2022
Castelli F.	Infectious diseases and ageing population in the new millennium	Geriatric HIV conference	Brescia, 9 May 2022
Castelli F.	Vaccinazione anti-Covid-19 nei Paesi in via di sviluppo <i>(Covid-19 vaccines in LMICs)</i>	“Un vaccino per tutti” Saúde para Todos! <i>(A vaccine for everyone – health for all)</i>	Brescia, 12 May 2022
Castelli F.	New Frontiers in HIV Therapeutics	6 th National Conference of the Italian Society for Virology	Naples, 3-5 June 2022
Castelli F.	Visiting Friends and Relatives (VFRs): the needs to be addressed	8 th North European Conference on Travel Medicine	Rotterdam, 9 June 2022 (online)
Castelli F.	One Health e Infezioni: un panorama in evoluzione <i>(One Health and infections: an</i>	FESTIVAL DELLA SALUTE L’approccio “One Health” per un benessere a 360°	Pavia, 24 June 2022 (online)

	<i>evolving panorama)</i>	<i>(Health Festival – the One Health approach for a complete health)</i>	
Castelli F.	Medicina ed elementi di salute globale <i>(Medicine and fundamentals of global health)</i>	Corso di “Formazione alla cooperazione internazionale” V edizione, Tovini <i>(International Cooperation)</i>	Brescia, 5 - 9 September 2022
Castelli F.	Contemporary migration to Europe: determinants and health needs	ESCMID Postgraduate Education Course Migration and Health: a world on the move	Montisola (Brescia), 26-30 September 2022
Castelli F.	Migration and Health. A world on the move	Meeting of the European University Alliance UNITA	Turin, 25 th October 2022
Castelli F.	Training and empowering human resources for health development in resource-limited countries	Epilepsy and the WHO Intersectoral Global Action Plan Focus on sub-Saharan Africa	Milan, 8 th November 2022 (online)
Castelli F.	L'epidemiologia infettivologica nell'era della globalizzazione <i>(Infectious Epidemiology in the Era of Globalization)</i>	Donazione senza frontiere: medio oriente e asia <i>(Donation without frontiers: Middle East and Asia)</i>	Brescia, 26 November 2022
Castelli F.	Ostacoli nel raggiungimento degli obiettivi di salute a livello globale <i>(Barriers to Achieving Global Health Goals)</i>	Emerging issues in infectious diseases	Bari, 29 November 2022
Castelli F.	Antimicrobial resistance and migration	Annual EPI-Net project meeting “Initiatives, dissemination and sustainability”	Verona, 1st - 2nd December, 2022
Castelli F.	Imparare la lezione: Salute Globale, Salute per Tutti <i>(Learning the Lesson: Global Health, Health for All)</i>	Medicus Mundi, None Out, AICS	Brescia, 12 th October 2022
Castelli F.	Antibiotics resistance and infection control. Sepsis and the septicemia process. COVID-19 related therapeutics and vaccines	HopeXChange Medical Center – continuing medical education	Kumasi, Ghana, 2 May 2022



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ACORDO DE COOPERAÇÃO

ENTRE

A UNIVERSIDADE SAVE, MOÇAMBIQUE

E

A UNIVERSIDADE DE BRESCIA, ITÁLIA

1





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Preâmbulo

CONSIDERANDO:

- i. O reconhecimento comum da importância que a Ciência, Tecnologia e Inovação têm para o desenvolvimento económico e social;
- ii. Haver interesse comum em assegurar a cooperação científica, tecnológica, serviços e consultoria entre as “Partes”, para a promoção da Ciência, Tecnologia, Inovação e Formação para o Desenvolvimento e;
- iii. Haver interesse na promoção de cooperação em áreas prioritárias,

ENTRE

A **UNIVERSIDADE SAVE**, pessoa colectiva de direito público, dotada de personalidade jurídica e goza de autonomia estatutária e regulamentar, científica, pedagógica, administrativa, financeira e disciplinar, criada pelo Decreto n.º 6/2019, de 15 de Fevereiro, com sede no Distrito de Chongoene, província de Gaza, Moçambique, doravante designada por **UniSave**, representada neste acto pelo Reitor, Prof. Doutor Manuel José de Morais;

E

A **UNIVERSIDADE DE BRESCIA**, doravante designada **UNIBS**, com sede em Brescia, Piazza Mercato – 15.,1 – 251221 Itália, neste acto representada pelo seu Chanceler, Prof. Maurizio Tira. No presente Acordo a Universidade operará através do Departamento de Ciências Clínicas e Experimentais.

É celebrado o presente Acordo de Cooperação, o qual se rege pelas cláusulas seguintes e no que for omissivo, pela legislação aplicável.

CLÁUSULA PRIMEIRA

(Objecto)

- i. Prover o interesse ao ensino, investigação extensão e outras actividades das nossas respectivas universidades
- ii. Aprofundar a compreensão das questões técnicas, sociais e culturais e as tradições dos nossos respectivos países.

CLÁUSULA SEGUNDA

(Objectivos)

A cooperação empreendida em decorrência do presente Acordo será baseada na participação comum em assuntos técnicos, científicos e culturais, com o propósito de acelerar e assegurar a





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expansão quantitativa e qualitativa das funções de ensino, pesquisa, extensão, administração universitária e capacitação de pessoal e, dessa maneira, deverá compreender ao menos um dos seguintes tópicos:

- i. Habilitar membros de seus corpos técnicos, docente e discente para colaborar com a outra instituição em sua sede, a fim de possibilitar o desenvolvimento de programas de mútuo interesse;
- ii. Habilitar o uso de laboratórios, equipamentos, acervo bibliográfico e informações em programas de mútuo interesse dos membros da outra instituição;
- iii. Potenciar a formação do corpo docente, discente e técnico-administrativo;
- iv. Promover programas de ensino, de pesquisa, de extensão, de melhorias na administração universitária, de capacitação de técnicos e docentes;
- v. Implementar programas de intercâmbio na leccionação e pesquisa, dando prioridade a projectos de interesse definidos nos planos de desenvolvimento das instituições signatárias;
- vi. Colaborar na revisão de pares de trabalhos científicos destinados à publicação em revistas científicas;
- vii. Apoio mútuo em equipamentos e materiais bibliográficos necessários aos programas comuns pré-estabelecidos.

CLÁUSULA TERCEIRA

(Âmbito)

A cooperação consistirá na transferência de conhecimentos e experiências e/ou qualquer outra actividade de interesse comum nos campos do Ensino, da Pesquisa, da Extensão, da administração universitária e da capacitação do pessoal docente, técnico-administrativo, graduando e pós-graduando.

CLÁUSULA QUARTA

(Responsabilidades das Partes)

Para o alcance das metas do presente Acordo de Cooperação as instituições signatárias comprometem-se a colocar à disposição de todos os sectores onde haja interesse no desenvolvimento de actividades decorrentes do presente Acordo a participação de seu pessoal discente, docente e técnico, nos limites e de acordo com o previsto pelo artigo 6 do presente.

CLÁUSULA QUINTA

(Coordenação)

Para a consecução do previsto neste Acordo, as instituições signatárias indicarão seus representante, aos quais caberá estabelecer as prioridades, orientar os trabalhos, acompanhar e avaliar a implantação dos programas a serem desenvolvidos.





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Para a Universidade de Brescia, é nomeado como representante o Prof. Francesco Castelli, Pro-reitor Vigário, e para a Universidade Save a Profa. Aspacia Domingos Madeira, Directora da Faculdade de Ciências da Saúde e Desporto.

CLÁUSULA SEXTA (Recursos Financeiros)

A cooperação recíproca aqui acordada será iniciada mediante solicitação específica de um dos partícipes com a apresentação de instrumentos específicos adequados às acções pretendidas, descrevendo seus aspectos relevantes, bem como os recursos envolvidos.

- i. Cada parte signatária compromete-se em procurar os fundos necessários para a realização dos projectos de cooperação, nos termos da cláusula quarta.
- ii. Qualquer programa planificado no âmbito do presente Acordo, será realizado somente quando forem alocados os recursos necessários.

CLÁUSULA SÉTIMA (Propriedade Intelectual)

- i. A propriedade intelectual resultante do trabalho entre as Partes durante a vigência deste Acordo de Cooperação é pertença das Partes, desde que tais pesquisas sejam susceptíveis de registo e protecção nos termos da legislação aplicável em Moçambique.
- ii. A transferência a terceiros, por qualquer das Partes, dos direitos de propriedade e ou exploração, somente poderá ser efectivada com o prévio e expreso consentimento de outra parte, à qual será dado o direito de preferência, em igualdade de condições.
- iii. Os direitos estabelecidos nesta cláusula, não restringem ou limitam, de qualquer forma, o dever de ambas as Partes darem ampla divulgação da informação oriunda deste Acordo de Cooperação.

CLÁUSULA OITAVA (Divulgação dos resultados)

As Partes reconhecem a importância da disseminação das informações geradas ao abrigo do presente Acordo de Cooperação, fazendo sempre, cada uma o reconhecimento da cooperação e a citação de nomes da Parte contrária nos artigos e ou publicações editadas.

CLÁUSULA NONA (Celebração de Termos Aditivos)

Sempre que for entendido ser necessário por ambas as Partes, o desenvolvimento de acções concretas relacionado com o presente Acordo serão regulamentadas através de Termos Aditivos, que deverão regular, consoante os casos, os seguintes aspectos:

- i. A Planificação das actividades e respectiva calendarização;
- ii. As obrigações específicas em que incorre cada uma das Universidades;





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- iii. O número de beneficiários previstos;
- iv. O dever de confidencialidade;
- v. A titularidade dos direitos de propriedade intelectual; e
- vi. Demais encargos.

CLÁUSULA DÉCIMA
(Alterações supervenientes)

Qualquer alteração ou adaptação ao presente acordo está sujeita à forma escrita, carecendo de anuência prévia de ambas as Partes, num prazo mínimo de trinta (30) dias, constituindo aditamento ao presente acordo e dele fazendo parte integrante.

CLÁUSULA DÉCIMA PRIMEIRA
(Denúncia)

- i. Qualquer das Partes poderá denunciar o presente Acordo de Cooperação mediante comunicação escrita, com antecedência de noventa (90) dias para produção de efeitos.
- ii. A denúncia deste Acordo de Cooperação não prejudica as actividades e/ou programas já estabelecidos e/ou em curso, bem assim os direitos e/ou obrigações resultantes do mesmo e anteriores à sua denúncia.

CLÁUSULA DÉCIMA SEGUNDA
(Anti - corrupção)

As Instituições comprometem-se a não oferecer, directa ou indirectamente, vantagens a terceiros, e nem solicitar, prometer ou aceitar, para benefício próprio ou de outrem, ofertas com o propósito de obter julgamento favorável sobre serviços a prestar, nos termos da Lei moçambicana nº 6/2004, de 17 de Junho.

CLÁUSULA DÉCIMA TERCEIRA
(Resolução de Litígios)

Os eventuais litígios que surgirem da interpretação e da aplicação do presente Acordo serão resolvidos por via amigável, primeiro através da equipa dos Coordenadores e, quando a esse nível não seja possível obter o consenso desejado, a controvérsia deverá ser resolvida por um Despacho conjunto das Partes Contraentes.

CLÁUSULA DÉCIMA QUARTA
(Casos Omissos)

Tudo o que não estiver previsto no presente Acordo será resolvido com recurso ao que for acordado pelas Partes signatárias, sem prejuízo das disposições regulamentares e estatutárias aplicáveis e outras legislações pertinentes.





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CLÁUSULA DÉCIMA QUINTA

(Vigência)

O presente Acordo de Cooperação entra em vigor na data da sua assinatura pelas Partes e será válido por cinco (05) anos renováveis, depois de uma comunicação escrita entre as Partes e sujeito à deliberação dos Órgãos Competentes de cada Instituição.

CLÁUSULA DÉCIMA SEXTA

(Língua e número de exemplares)

E por estarem justos e acordados, assinam o presente Acordo em quatro (4) exemplares de igual teor e forma, 2 em Língua Portuguesa e 2 em Italiano, na presença da testemunha que também o subscreve, para que surta, desde logo, os efeitos nele contidos, ficando um (2) na posse de cada Parte.

CLÁUSULA DÉCIMA SÉPTIMA

(Outras Disposições)

Qualquer aviso ou notificação a ser feita ao abrigo do presente Acordo deverá ser enviada por correio electrónico, fax ou correio normal para os seguintes endereços:

Para a UNIBS: Nome: Prof. Francesco Castelli
 Cargo: Pro-reitor vigário
 Endereço: Piazza Mercato, 15 25121 Brescia
 Telefone: +39 030 3715.1
 E-mail: francesco.castelli@unibs.it

Para a UniSave: Nome: Profa. Aspácia Madeira
 Cargo: Directora da Faculdade de Ciências de Saúde e Desporto
 Endereço: Nhaguiviga-Maxixe-Inhambane- Moçambique
 Telefone: +258 4021628/ +258 849000471
 E-mail: aspacia.madeira@gmail.com





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Chongoene, _____ / _____ / 2021

P^o Universidade Save

P^o Universidade da Brescia



Manuel José de Morais
Prof. Doutor Manuel José de Morais
(Reitor)

Francesco Castelli
Prof. Doutor Francesco Castelli
(Vice-Reitor)

Testemunha:

Catarina Tivane Nhamposse

Profa. Doutora Catarina Tivane Nhamposse
(Vice-Reitora da Universidade Save)



AGREEMENT FOR INTERNATIONAL COOPERATION BETWEEN UNIVERSITIES

THIS MEMORADUM OF UNDERSTANDING (hereinafter referred to as the “Agreement”) is made this 25th day of October, 2017 (hereinafter referred to as the “effective date”);

Between

THE UNIVERSITÀ DEGLI STUDI DI BRESCIA, (hereinafter referred to as “UDSB”) with official domicile in Brescia - 25121, Piazza del Mercato, Italy, fiscal code n. 98007650173, P.I. 01773710171; represented by its true and lawful attorney, Prof. Maurizio Tira (Rector) of the one part;

And

KWAME NKURUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, University Post Office, Private Mail Bag, Kumasi an educational institution established under the provisions of Kwame Nkrumah University of Science and Technology Act, 1961 (Act 80), as amended, and accredited by the National Accreditation Board of the Republic of Ghana to provide tertiary education (hereinafter referred to as ‘KNUST’ which expression shall whenever the context so admits or requires includes its successors or assigns) represented by its true and lawful attorney, Professor Kwasi Obiri-Danso (Vice-Chancellor) of the other part.

Whereas the parties by mutual commitment to further international understanding and friendship and to share academic knowledge and to establish and develop mutually beneficial academic contacts.

Whereas the parties have agreed that they do not intend to enter into any contract creating legal and financial obligations between them but to enter into an agreement which would provide an enabling vehicle for co-operation.

THIS AGREEMENT WITNESSETH AS FOLLOWS:

1.0 Scope of the Cooperation

- 1.1 UDSB and KNUST within the present Agreement undertake to promote and encourage scientific and/or academic collaboration including the exchange of professors, researchers and students.
- 1.2 The Parties agree to exchange experience and information on questions of pedagogy, organization and contents of instructions, and the training of faculty and students, as appropriate. The area of exchange shall cover academic disciplines to be determined and negotiated by both Parties.



1.3 In particular, research activity will be carry out in the field of medicine, science etc with the purpose to promote, to develop, to coordinate research programs in all relevant field and, to encourage the exchange of research in all fields and to collaborate in specific research in the following areas, Medicine etc

1.4 The Parties agree to discuss other proposals relating to future collaborations including joint research projects, joint publications of research, and other similar projects as appropriate.

1.5 The parties shall jointly define for each year a work programme, an exchange programme. On a yearly basis, a report shall present the work conducted under this agreement.

2.0 Representatives

2.1 To ensure effective implementation of the Agreement, UDSB designates Prof. /Dott. FRANCESCO CASTELLI as its own representative, KNUST designates Prof. E. T. Agbenyega as its own representative.

2.2 In case one of the parties should replace the person in charge, the other party must be notified with a written communication.

2.3 The representatives will organize the research and/or educational activities, solicit for adequate funding for this purpose. The representatives will also assess the fulfilment of the work programme identified in the present Agreement.

3.0 Funding

3.1 Financial resources for development of the research activity of the collaboration programme will be supported by each party, or from the financial support of external third parties.

3.2 The parties will jointly or individually seek funding from national or international bodies to finance the scheduled activities. No activity shall be carried on without the necessary financial support.

3.3 Both Parties agree that all financial arrangements shall be determined on the basis of specific projects and activities, and will depend on the availability of funds.

4.0 Regulation and use of research and study result

4.1 The research results will be jointly owned and their use will be free of charge for the parties, with the only obligation to mention the collaboration under public disclosure. Any licensing or use of technologies and/or services developed under this Agreement will be evenly shared by the parties.



4.2 If a research result of the present collaboration is patentable, the parties will conclude separate agreements regarding the patent application. In this case the public disclosure of information can take place only after the parties have respected all the formal steps which are necessary for Intellectual Property Right protection.

5.0 Insurance coverage

5.1 Università degli Studi di Brescia guarantees employer's liability insurance and civil liability insurance to all of the personnel employed in activities regarding the present agreement, including (if the agreement has a didactic contents too) students, graduates or collaborators.

5.2 KNUST will provide the same insurance coverage for its own personnel participating in the exchange programme.

6.0 Prevention, safety and health provisions

Employee and personnel of the Parties must respect the provisions concerning the protection of health and security of workers of the host institute.

7.0 Review

Both institutions will review the terms of the Agreement one month before the expiry of the five-year term with a view to negotiating a further agreement on terms acceptable to both.

8.0 Funding

Both Parties agree that all financial arrangements shall be determined on the basis of specific projects and activities, and will depend on the availability of funds.

9.0 Term of the Agreement

This Agreement shall become effective on the above-stated Effective Date and shall be for a term of five (5) years.

10.0 Termination

Either Party reserves the right to terminate this Agreement upon giving one (1) month written notice to the other Party prior to the expiration of its terms. The party so terminating will endeavour to provide the other party reasonable advance notice of its intention to terminate this Agreement. Termination by mutual consent shall not affect obligations already undertaken. In particular, any obligations of towards students participating in an exchange, who are already in the programs will continue for the entire agreed period.



11.0 Dispute Resolution

The parties shall cooperate with each other to resolve all disputes or differences that may arise during the period of this Agreement.

12.0 Notices

All notices required under the terms and provisions hereof shall be in writing and any such notice may be given by delivery by hand of the same, addressed to the Parties at their respective offices, or by posting the same in a pre-paid letter addressed to such offices or by email, and every notice so given shall be deemed to have been served, in the case of a notice delivered by hand on the date of such delivery and in the case of a notice posted or email, seventy two (72) hours after the time of posting or emailing.

13.0 Governing Law

13.1 This Agreement will be governed by and construed in accordance with the laws of the Republic of Ghana.

13.2 The Parties agree to submit all their disputes arising out of or in connection with this Agreement to the exclusive jurisdiction of the Courts of Ghana.

14.0 The present Agreement will be signed in four original copies, all in English.



IN WITNESS WHEREOF the parties hereto have hereunto set their respective hands and signatures on the day and year first above written.

SIGNED AND SEALED
Prof Maurizo Tira
Representing UDSB



.....
THE RECTOR

- 4 DIC. 2017

In the presence of

WITNESS

Name :

Address :


Position :

Signature :

.....




SIGNED AND SEALED
Prof Kwasi Obiri Danso
Representing KNUST
In the presence of

} 
.....
VICE-CHANCELLOR

VICE CHANCELLOR
KNUST - KUMASI

WITNESS

Name : Mr. A. K. Boateng
Address : Registrar's Office, KNUST, Kumasi
Position : Registrar
Signature : 
.....

REVIEWED BY:
EUDORA C. DADSON (MRS)
AG. DEPUTY REGISTRAR
LEGAL & WELFARE OFFICE



Annex 12 – Thesis

Supervisor	Student	Title
Prof. Francesco Castelli	Jessica Feola	HPV: Knowledge of a sample of the male population in the provinces of Bergamo and Brescia.
Prof. Francesco Castelli	Fabio Perego	Clinical severity and outcome of COVID-19 in patients admitted to ASST Spedali Civili in relation to vaccination status.
Prof. Francesco Castelli	Simone Ravizza	Cohort study on the effectiveness of COVID-19 vaccines in patients admitted to ASST Spedali Civili.
Prof. Francesco Castelli / Prof. Emanuele Focà	Rachele Zilocchi	Vaccination recommendation in adult patients living with HIV: Adherence to vaccination offers, ethnic, and gender differences.
Prof. Alberto Matteelli / Prof. Francesco Castelli	Natalia Gregori	"A student for his/her community": Planning a community health project for the promotion of health and sports in rural communities in the province of Inhambane (Mozambique).
Prof. Alberto Matteelli / Prof. Francesco Castelli	Giulia Gardini	Strongyloides stercoralis infection: an underlying cause of invasive bacterial infections of enteric origin in elderly Italians, migrants, and international travelers. Results from a prospective cross-sectional study of a Northern Italian tertiary hospital, complemented by the results of a survey on traditional remedies for intestinal helminths.
Prof. Alberto Matteelli / Prof. Francesco Castelli	Giulia Zambolin	The impact of COVID-19 on antibiotic resistance in Cremona Hospital.
Prof. Alberto Matteelli / Prof. Francesco Castelli	Giovanni Del Fabro	Focus on CD169 myeloid activation test in SARS-CoV-2 infection.
Prof. Alberto Matteelli / Prof. Francesco Castelli	Benedetta Fumarola	Utilization of nebulized liposomal amphotericin B and posaconazole as antifungal prophylaxis to prevent Covid-19-associated invasive pulmonary aspergillosis in severely immunocompromised patients.
Prof. Alberto Matteelli / Prof. Francesco Castelli	Giulia Renisi	Fluid-related infections in liver transplant recipients: A five-year single-center retrospective study.

Prof. Alberto Matteelli	Alessandro Faustinelli	Chronic Hepatitis C in the incarcerated population of prisons in Brescia: A retrospective observational study on the care cascade, effectiveness of antiviral therapies, and prospects for HCV elimination.
Prof. Alberto Matteelli	Carlotta Ghilardi	Pathways for the prevention of vertical transmission of HIV: Retrospective evaluation of adherence in a rural population in Mozambique.
Prof. Alberto Matteelli	Beatrice Formenti	HIV and Viral Hepatitis (HBV, HCV) cascade of care in asylum seekers and refugees: A retrospective cohort study in Northern Italy.
Prof. Alberto Matteelli	Irene Cristini	Analysis of completion rate and cost-effectiveness of screening for tuberculosis infection in asylum seekers: Randomized trial of IGRA test alone versus TST followed by IGRA.
Prof. Alberto Matteelli	Elena Bozzolla	Challenges and critical issues in managing the COVID-19 vaccination pathway for asylum seekers and refugees.

DECLARATION OF THE ITALIAN UNESCO CHAIRS FOR SUSTAINABILITY

Dichiarazione delle Cattedre UNESCO Italiane per la Sostenibilità

The Italian UNESCO Chairs, which with the *DIALOGHI DELLE CATTEDRE UNESCO: un laboratorio di idee per il mondo che verrà / DIALOGUES OF THE UNESCO CHAIRS: a laboratory of ideas for the world to come* project have started a process aimed at operating as a collective body, interacting and proposing themselves as a "community of knowledge", have drawn up a Declaration for sustainability and socio-ecological transition.

This Declaration is the result of a journey that began a year ago (in the autumn of 2020) and that has seen the Italian UNESCO Chairs/UNITWIN develop an intense scientific dialogue through a series of webinars about environmental and social sustainability. The dialogue undertaken implements the indication and spirit of the Italian National Commission for UNESCO, which has always supported the network cooperation of UNESCO Chairs.

We believe that, in order to achieve the goals of sustainable development set by the United Nations 2030 Agenda, an integrated thinking, the commitment of all and a profound change in our perception of ourselves and the world are needed to achieve a new paradigm of human development in harmony with the planet that hosts us.

The Declaration is an expression of the commitment and contribution of the Italian UNESCO Chairs in the development of education and knowledge in relation to the global environmental challenge. The many specificities of the Italian UNESCO/UNITWIN Chairs converge on this point and, speaking with one voice, they intend to propose a contribution of ideas and expertise to national, European, and international policies and to the UNESCO itself.

The Declaration is also addressed to the national university institutions, within which the UNESCO Chairs are committed to the achievement of sustainable development objectives. They responsibly assume the role of producers of new knowledge, preparing programs aimed at responding more promptly and independently to the renewed demand for new learning and research in a world undergoing rapid economic, social, and technological change.

Finally, the Declaration intends to speak to people and communities, bringing ideas confronting everyday life.

DECLARATION OF THE ITALIAN UNESCO CHAIRS

PREAMBLE

Having regard to the Sustainable Development Goals (SDGs), adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity,

Having regard to the Resolution adopted by the United Nation General Assembly on 19 December 2019 on Culture and sustainable development,

Having regard to the UNITWIN/UNESCO Chairs Program launched in 1992, which promotes international inter-university cooperation and networking to enhance institutional capacities through knowledge sharing and collaborative work,

Having regard to the UNESCO Universal Declaration on Cultural Diversity adopted in 2001,

Having regard to the UNESCO Climate change education initiative for sustainable development launched in 2010,

Having regard to the UNESCO's Medium-Term Strategy for 2014-2021,

Having regard to the Jena Declaration on Humanities and Social Sciences for Sustainability. Cultural and regional dimensions of global sustainability, adopted on March 18th, 2021,

Having regards to the Wuppertal Declaration on Sustainable Development through International and Transdisciplinary Cooperation in Science and Education Recommendations of the UNESCO Chairs in Germany and their international partners,

THE ITALIAN UNESCO CHAIRS HAVE ADOPTED THE FOLLOWING DECLARATION

1. Challenges

In the interdisciplinary debate that defines the UNESCO Chairs, the point of convergence has been identified in the future of our planet, a necessary focal point in a context characterized by radical anthropogenic transformations of ecosystems (Anthropocene). The environmental issue emerges as a perfect indicator and multiplier of differences and inequalities, where the inextricable interconnection between nature and human society is evident. The appropriation of nature is at the heart of today's ecological and social problems, such as climate change, the intensification of disaster events, the loss of biodiversity, the degradation of habitats and cultivated land, and the

indiscriminate extraction of raw materials. All this implies a radical fragmentation of the relationship between human being and nature.

Environmental and demographic transitions, including climate change and ageing populations in high-income countries, are likely to alter migration patterns in the coming decades and require a deep understanding of the future of social composition across the globe.

At the same time, the exponential acceleration of changes in technological development and in digital communication and in the relationship between human being and machine calls for an equivalent growth of awareness and responsibility in individuals, communities, social and institutional organizations. The impact of digital tools on democratic systems as well as on the natural environment is evident. Moreover, there is the necessity of promoting digital equity in education in all countries of the world.

In a context increasingly defined by a digital environment, and where the dimension of the virtual expands, volatility and uncertainty also increase. To govern the acceleration and exponential increase of the new contexts, there is a need for a restructuring of knowledge and the growth of critical skills for the validation and organization of knowledge. There is a need to develop the potential of the human being that distinguishes him/her from the machine, namely, his/her ability to contact a moral and spiritual dimension, and to express abstract projections and visions.

The UNESCO Chairs are intended to respond to an urgent and heartfelt requirement to make the appropriate decisions to cope with these radical global changes.

2. Vision

The vision expressed in the Declaration is summarized in the following points:

- The environmental challenge and the future of the planet as the horizon (attractor) against which to process reality and the relationships between phenomena, issues, and contexts, both environmental and social;
- The global and local perspective in addressing environmental issues, where the needs of the local reality (landscapes, territories and cities) meet those of the planet;
- The central role of education and the reorganization of knowledge to address the environmental and social challenge in their interdependence, with an approach to education as a "common good" and knowledge as a "global common good";
- Educating in complex thinking, through the development of skills to "learn to become" and through reflection on issues such as climate change;
- A commitment to a just, egalitarian ecological transition for all peoples that recognizes human rights to the environment, and to a bottom-up, participatory, and shared ecological transition;

- A perspective on sustainability that leads back to human-nature unity and to an interdependent society-nature relationship;
- A perspective on sustainability as the development of community awareness, and self-awareness of people, based on the relationship between matter and aspiration (spiritual dimension), for an integral sustainability and a responsible ecological transition to the whole, and for a sustainability that is based on peace, whose defense must begin in the hearts and minds of people;
- The need for integrated knowledge, to be developed in a transdisciplinary environment, and for co-created knowledge, adopting and experimenting with "communities of knowledge" and "communities of practice", in which all can contribute as "knowledge carriers", fostering cooperative learning and the ethics of collective intelligence;
- Promote and develop educational and knowledge processes, through dialogue and integration between different cultures so as to value bio-cultural diversity.

3. Methodological approach

The way to operate and the tools are integral parts of the vision.

In order to collectively address the many challenges described above, UNESCO Chairs share a methodological approach that provides a common basis for addressing complexity through the interaction of multiple perspectives:

- Create transdisciplinary research environment;
- Become a "community of knowledge";
- Practice scientific knowledge of excellence, shared with all social actors, embracing the principles and tools of "post-normal science" and "citizen science";
- As a collective subject with a high scientific profile, adopt complex thinking, able to contribute to the definition of transition strategies towards a just and sustainable ecological society (for the "transition from below", and the "just transition");
- Practice strategies of interrelationship between issues and problem areas by bringing the links on a plane of superordinate logical order, in order to deal effectively with complexity;
- Develop tools to verify processes through the definition of appropriate quantitative and qualitative indicators.

4. Objectives and future perspectives

In order to meet the challenges of the world to come, the UNESCO Chairs intend to collaborate, as a collective entity, by undertaking the following actions and pursuing the following objectives:

- Provide a think-tank useful for the creation of knowledge, strategic and technical support tools for decision-makers, and above all to transfer this knowledge to future generations;

- Implement a transdisciplinary and transnational educational approach and promote a culturally open educational and research environment;
- Contribute to introduce the environmental challenge in school and university education, in order to enable the acquisition of a critical view of reality and of the relationships between natural and social phenomena;
- Educate on climate change, as a complex phenomenon that necessarily implies overcoming a reductionist view of skills;
- Contribute to the realization of a just and inclusive ecological transition, which takes into account the different social and natural vulnerabilities in different contexts, as well as different cultures and migration processes;
- Ensure bottom-up participation according to democratic principles, respecting gender equality and fundamental rights;
- Increase the process of community awareness, and self-awareness of people, for an integral sustainability based on the balance between human being and nature;
- Develop scientific and educational actions to achieve the goals of the 2030 Agenda by proposing new solutions, emphasizing the importance of human dignity, common good and health, solidarity and subsidiarity in personal actions and political decisions, in the search for truth, freedom, justice and peace;
- Operate consciously for the achievement of the goals of the 2030 Agenda, becoming intermediate actors between institutions (national and UNESCO) and communities, contributing to the construction of new paradigms to manage the transition of natural, social, productive and settlement systems;
- Present themselves as potential interlocutors of national institutions and international agencies on issues of ecological transition, creating new support tools for decision-makers, promoting actions based on "risk-informed sustainable development";
- Develop tools that facilitate the process of sharing and dissemination of knowledge, as well as the implementation of best practices, acting as bridge builders between academia, civil society, and policy makers;
- Embrace the process initiated with the "*DIALOGUES OF THE UNESCO CHAIRS*" as a good practice in the experimentation of collaboration among UNESCO Chairs.

October 2021

*The Italian UNESCO Chairs
(With the complete list of signatures on the next pages)*

1. **Rita Aquino**, UNESCO Chair on Plants for Health in the Mediterranean Traditions (2021), University of Salerno;
2. **Aldo Aymonino**, UNESCO Chair on Heritage and urban regeneration (2016), IUAV University of Venezia;
3. **Lucio Barbera**, UNESCO Chair on Sustainable Urban Quality and Urban Culture, notably in Africa (2013), La Sapienza University of Roma;
4. **Patrizio Bianchi**, UNESCO Chair on Education, Growth and Equality (2020), University of Ferrara;
5. **Federico Bucci**, UNESCO Chair in Architectural Preservation and Planning in Heritage Cities (2012), Polytechnic University of Milano;
6. **Paolo Canuti**, UNESCO Chair on the Prevention and Sustainable Management of Geo-Hydrological Hazards (2016), University of Firenze;
7. **Francesco Castelli**, UNESCO Chair on Training and Empowering Human Resources for Health Development in Resource-Limited Countries (2014), University of Brescia;
8. **Paolo Ceccarelli**, UNESCO Chair in Urban and Regional Planning for Sustainable Local Development (2008), University of Ferrara;
9. **Annamaria Colao**, UNESCO Chair on Health Education and Sustainable Development (2019), Federico II University of Napoli;
10. **Vittorio Colizzi**, UNESCO Interdisciplinary Chair in Biotechnology (1998), Tor Vergata University of Roma;
11. **Emanuela Colombo**, UNESCO Chair in Energy for Sustainable Development (2012), Polytechnic University of Milano;
12. **Angela Colonna**, UNESCO Chair on Mediterranean Cultural Landscapes and Communities of Knowledge (2016), University of Basilicata;
13. **Gennaro Curcio**, UNESCO Chair on Peace, Development and Cultural Policies (1999), Jacques Maritain International Institute, Roma;
14. **Fiorella Dallari**, University of Bologna – Polo of Rimini, italian partner in the Réseau UNITWIN «Culture tourisme développement» (2002), Panthéon Sorbonne University of Paris;
15. **Alessandra De Rose**, UNESCO Chair in Population, Migrations and Development (2008), Sapienza University of Roma;
16. **Pier Paolo Franzese**, UNESCO Chair on Environment, Resources and Sustainable Development (2020), Parthenope University of Napoli;
17. **Carmine Gambardella**, UNESCO Chair on Landscape, Cultural Heritage and Territorial Governance (2016), Benecon University Consortium of Caserta;
18. **Alberto Garcia**, UNESCO Chair in Bioethics and Human Rights (2009), Ateneo Pontificio Regina Apostolorum, European University of Roma;

19. **Stefano Grimaz**, UNESCO Chair on Intersectoral Safety for Disaster Risk Reduction and Resilience (2018), University of Udine;
20. **Antonio Guerci**, UNESCO Chair on Anthropology of health, biosphere and et systemes of heal (2013), University of Genova;
21. **Giovanna Marconi**, UNESCO Chair in Social and Spatial Inclusion of International Migrants: Urban Policies and Practice (2008), IUAV University of Venezia;
22. **Marco Mascia**, UNESCO Chair in Human Rights, Democracy and Peace (1999), University of Padova;
23. **Aristide F. Massardo**, UNESCO Chair on Innovative, Sustainable and Clean Energy Research and Education (2021), University of Genova;
24. **Alberto Melloni**, UNESCO Chair in Religious Pluralism and Peace (2008), University of Bologna;
25. **Giulio Mondini**, UNESCO Chair on New paradigms and instruments for bio-cultural landscape management (2015), Links Foundation – Leading Innovation & Knowledge for Society - former Higher Institute on Territorial Systems for Innovation (SiTI), University of Torino;
26. **Paolo Orefice**, UNESCO Transdisciplinary Chair in Human Development and Culture of Peace (2006), University of Firenze;
27. **Dario Padovan**, UNESCO Chair in Sustainable Development and Territory Management (2010), University of Torino;
28. **Pier Luigi Petrillo**, UNESCO Chair on Intangible Cultural Heritage and Comparative Law (2019), Unitelma Sapienza University of Roma;
29. **Roberto Poli**, UNESCO Chair on Anticipatory Systems (2013), University of Trento;
30. **Barbara Pozzo**, UNESCO Chair on Gender Equality and Women’s Rights (2019), Insubria University of Como;
31. **Paola Raffa**, UNESCO Chair on Mediterranean Landscaper in Context of Emergency (2021), University of Reggio Calabria;
32. **Giuseppe Resnati**, Network UNITWIN on Green Chemistry Excellence from the Baltic Sea to the Mediterranean and Beyond (2017), Polytechnic University of Milano;
33. **Domenico Simeone**, UNESCO Chair on Education for Human Development and Solidarity among Peoples (2018), Sacro Cuore Catholic Univerity of Milano;
34. **Lucio Ubertini**, UNESCO Chair on Water Resources Management and Culture (2013), University for Foreigners of Perugia;
35. **Giovanni Vaggi**, Network UNITWIN on International Cooperation and Development (2015), University of Pavia and University of Bethlehem;
36. **Francesco Vallerani**, UNESCO Chair on Water Heritage and Sustainable Development (2020), Ca’ Foscari University of Venezia;
37. **Guido Zolezzi**, UNESCO Chair in Engineering for Human and Sustainable Development (2011), University of Trento.



24 January 2022
Expo 2020 Dubai
The Italy Pavilion

Context

The **International UNESCO Chairs Forum on the Futures of Higher Education** is being organized jointly by Italy and UNESCO at Expo 2020 Dubai to mark the International Day of Education 2022. The Forum fits within the overall framework of UNESCO's [Futures of Education](#) initiative which seeks to generate an agenda for global debate, research and action on the futures of education, learning and knowledge in a world of increasing complexity, uncertainty and precarity. It is also one of the preparatory events for the 3rd UNESCO World Higher Education Conference ([WHEC2022](#)) to be held 18-20 May 2022 in Barcelona, Spain. WHEC2022 and its preparatory events aim to define and prepare knowledge-based, participatory scenarios to shape a new era of higher education systems and institutions, particularly in the wake of the COVID-19 disruption.

The International UNESCO Chairs Forum offers a platform to leverage collective interdisciplinary intelligence relative to the futures of higher education systems, with a focus on skills development in the context of the uncertain futures of work, as well as on the digital transformation of our societies and its implications for higher education. The Declaration of the Italian UNESCO Chairs for Sustainability will also be presented.

Skills for Work and Life

Today's world is experiencing societal and environmental challenges, and unprecedented technological change, affecting higher education systems, academic mobility, working patterns, welfare systems and ways of life. It will be crucial to further promote the acquisition of knowledge, skills and attitudes through lifelong learning, technical training, entrepreneurship and vocational training that facilitate transitions of young people from education to quality, fulfilling employment, as part of an overall strategy to modernize higher education and labour market systems. Higher education can foster forward-looking initiatives to help match the supply and demand of competencies for work and life in tomorrow's world. This focus area will address the following questions:

- How can “interdisciplinarity” be further promoted as the way of allowing people to learn by making connections between ideas and concepts across different disciplinary boundaries?
- How could we deliver the promise of better transitions between higher education and work?
- What role for higher education institutions in supporting lifelong learning?
- How can higher education contribute to more inclusive, peaceful and sustainable societies?

Digitalization and Connectivity

Artificial Intelligence, Big Data, and online learning platforms are having increasing impacts on education systems worldwide, including the higher education and research communities. Digitalization is the process of breaking geographical and cultural boundaries, allowing teachers, educators and students to take their knowledge beyond the classroom, potentially to a worldwide audience. Thus, digitalization is not only about innovation or technology, but is also a matter of culture and the capacity to foster connections. Yet, affordable connectivity for learning and meaningful access to digital technologies is a global challenge and there are enormous disparities between and within countries to address. Efforts are currently underway to help steer the digital transformation of education towards equity, inclusion and quality. This focus area will explore the following questions:

- How could higher education create more inclusive, engaging and effective education processes through affordable connectivity and digitalization?
- How to facilitate integration of digital technologies with existing models of teaching and learning?
- How to meet different learner needs by using digital technologies to customize education?
- How to facilitate collaborations, develop educators' capacities and enrich the content of learning?
- How might digitalization and connectivity further support lifelong learning?
- How to address the ethical issues relating to the use of digital technologies in higher education and research settings?

Forum Structure

Following an introductory high-level segment that frames the Forum, two expert panels will be devoted to: (1) Skills for Work and Life, and (2) Digitalization and Connectivity, bringing in international and interdisciplinary perspectives. Finally, the Declaration of the Italian UNESCO Chairs for Sustainability will be introduced and presented. The International UNESCO Chairs Forum on the Futures of Higher Education will be held in hybrid mode and livestreamed on [Facebook Italy Expo 2020](#) and [YouTube Italy Expo 2020](#).

Working language: English.

Provisional Agenda

24 January 2022

11:00 to 13:00 Dubai time

Hybrid event

THE FUTURES OF HIGHER EDUCATION Collective intelligence for knowledge and learning

<p>11:00 – 11:15</p>	<p>Presenter: Lorenzo Micheli, Education Programme Manager, Italy Pavilion at Expo 2020 Dubai</p> <p>Welcoming remarks</p> <p>Mr. Paolo Glisenti, Commissioner of the Italian Pavilion</p> <p>Opening remarks</p> <p>Ms. Stefania Giannini, Assistant Director-General for Education, UNESCO [4 min.] H.E. Maria Cristina Messa, Minister of Universities and Research, Italy (tbc) [4 min.] H.E. Patrizio Bianchi, Minister of Education, Italy [4 min.]</p>
<p>11:15– 11:30</p>	<p>Keynote</p> <p>The Futures of Higher Education: Global trends, opportunities and challenges [8 min.] Mr. Francesc Pedro, Director, UNESCO International Institute for Higher Education in Latin America and the Caribbean</p> <p>Discussants</p> <p>Professor Alberto Melloni, UNESCO Chair in Religious Pluralism and Peace, Italy [3 min.] Professor Domenico Simeone, UNESCO Chair on Education for Human Development and Solidarity among Peoples, Italy [3 min.]</p>
<p>11:30 – 12:00</p>	<p>Panel 1: Skills for Work and Life</p> <p>Panelists will include UNESCO Chairholders from different regions of the world whose research focuses on the changing world of work and implications for skills development as we look to the future.</p> <p>Professor Loes Damhoff, UNESCO Chair in Futures Literacy, The Netherlands [4 min.] Dr. Ziad Said, UNESCO Chair on TVET and Sustainable Development, Qatar [4min.] Dr. Elia Marúm-Espinosa, UNESCO Chair on Social Innovation and Entrepreneurship, Mexico [4 min.] Dr. Willy Ngaka, UNITWIN Network on Literacies, Green Skilling, and Capacity Development for Sustainable Communities in Africa, Uganda [4 min.]</p> <p>Moderation: Giorgia Ferraro, Italy Pavilion Peer Mentor</p> <p>Panel discussion (15 min.)</p>

12:00 – 12:30	<p>Panel 2: Digitalization and Connectivity</p> <p>Panelists will include UNESCO Chairholders from different regions of the world whose work is focused on the digital transformation of our societies and the implications for higher education systems.</p> <p>Professor Yunkeum Chang, UNITWIN International Network for Women’s Empowerment through ICT Skills and Leadership Education, Republic of Korea [4 min.] Professor Moussa Lo, UNESCO Chair in Emerging Sciences and Technologies for Development, Senegal [4 min.] Professor Hannele Niemi, UNESCO Chair on Educational Ecosystems for Equity and Quality of Learning, Finland [4 min.]</p> <p>Moderation: Sara Distante, Italy Pavilion Peer Mentor</p> <p>Panel discussion (15 min.)</p>
12:30 – 13:00	<p>Declaration of the Italian UNESCO Chairs for Sustainability</p> <p>H.E. Patrizio Bianchi, Minister of Education, Italy [4 min.] Mr. Franco Bernabè, President, Italian National Commission for UNESCO [4 min.] Professor Annateresa Rondinella, Coordinator Commission Institutional Relationships for Chairs UNESCO, Italy [4 min.] Professor Benno Werlen, UNESCO Chair on Global Understanding for Sustainability, Germany [4 min.] Dr. Axel Didriksson, UNESCO Chair on University and Regional Integration, Mexico [4 min.]</p> <p>Moderation: Lorenzo Micheli, Education Programme Manager, Italy Pavilion at Expo 2020 Dubai Valentina Mini, Technical and Scientific Secretariat of the Italian UNESCO Chairs’ “Dialoghi Project”</p>
	<p>Livia Pomodoro, President, Milan Centre for Food Law and Policy, UNESCO Chair on Food Systems for Sustainable Development and Social Inclusion [2 min. video-message]</p>
13:00	<p>Closing remarks</p> <p>Ms. Stefania Giannini, Assistant Director-General for Education, UNESCO</p>



PREMESSO CHE

- Il programma di Cattedre e UNITWIN UNESCO, lanciato nel 1992 su intuizione dell'allora direttore generale dell'UNESCO Federico Mayor, approvato durante i lavori della 27esima Conferenza Generale dell'UNESCO con il fine di promuovere la cooperazione e il networking tra le università a livello internazionale per rafforzare le capacità istituzionali attraverso la condivisione delle conoscenze;
- In Italia alla data del presente accordo sono state istituite 40 Cattedre UNESCO;
- Le Cattedre UNESCO Italiane e le UNITWIN lavorano dal 2020 in rete attraverso il progetto: *“Dialoghi delle Cattedre UNESCO: un laboratorio di idee per il mondo che verrà”*;
- Il progetto *“Dialoghi delle Cattedre UNESCO”* risponde a questioni prioritarie chiave relative alle aree di competenza dell'UNESCO, vale a dire l'educazione, le scienze esatte e naturali, le scienze sociali, la cultura e la comunicazione;
- Il progetto *“Dialoghi delle Cattedre UNESCO”* funge da think tank riunendo, dottorandi, ricercatori, accademici, membri della società civile, comunità locali, dimostrando la sua utilità nell'incoraggiare riflessioni politiche, creare nuove iniziative educative, generare innovazione attraverso la ricerca e contribuire all'arricchimento dei curricula universitari esistenti, promuovendo al contempo la diversità culturale come ricchezza per l'umanità;
- Attraverso questo progetto e altri presenti all'interno delle singole Cattedre e Reti UNITWIN e le altre reti UNESCO, nazionali e internazionali si coopera alla ricerca mettendo in comune le proprie risorse, sia umane che materiali, per affrontare sfide urgenti e contribuire allo sviluppo delle società;
- A conclusione della prima serie di *“Dialoghi ”* le Cattedre UNESCO e Reti UNITWIN Italiane hanno elaborato e sottoscritto la *“Dichiarazione delle Cattedre UNESCO Italiane per la sostenibilità”* proponendosi come soggetto collettivo;
- La *“Dichiarazione”* è stata presentata all'Expo di Dubai, in occasione della celebrazione della Giornata Mondiale dell'Educazione il 24 gennaio 2022 durante l'International UNESCO Chairs Forum on the Futures of Higher Education;
- La Commissione Nazionale Italiana per l'UNESCO ha selezionato, tra tutti i progetti delle designazioni presenti nel nostro Paese, il progetto *“Dialoghi delle Cattedre UNESCO”* e la relativa *“Dichiarazione”* a rappresentare il Paese Italia durante la Terza Conferenza Mondiale dell'Istruzione Superiore dell'UNESCO World Higher Education Conference (WHEC 2022) svoltosi a Barcellona dal 18 al 20 Maggio 2022;

- La “Dichiarazione” è stata recepita dall’UNESCO in occasione della sua presentazione il 30 novembre 2021 presso il MUR alla presenza dell’ADG Stefania Giannini, il Ministro Patrizio Bianchi, la Ministra Maria Cristina Messa, il Presidente della CNIU Franco Bernabè, in quella occasione l’ADG Stefania Giannini ha sottolineato che la “Dichiarazione è considerata dalla stessa UNESCO una buona pratica rappresentando il primo esempio a livello internazionale di cooperazione transdisciplinare basata sulla partecipazione attiva delle comunità nei processi trasformativi e di apprendimento permanente tramite l’intelligenza interdisciplinare collettiva per contribuire ai processi di Sviluppo Sostenibile”;
- Il 2016 ha coinciso con l’avvio ufficiale dell’Agenda 2030 per lo Sviluppo Sostenibile, sottoscritta dai governi dei 193 Paesi membri dell’ONU, in cui vengono proposti 17 Obiettivi per lo Sviluppo Sostenibile - Sustainable Development Goals, SDGs - in un grande programma d’azione che coinvolge tutti i Paesi e tutti gli individui, muovendo dal concetto che nessuno ne è escluso, né deve essere lasciato indietro lungo il cammino necessario per portare il mondo sulla strada della sostenibilità. L’ONU ha indicato nell’UNESCO come propria Agenzia specializzata nell’Educazione, Scienza, Cultura, e Comunicazione di monitorare e contribuire alle politiche di attuazione degli SDGs in cui un ruolo significativo giocano le Cattedre e Reti UNITWIN.

TANTO PREMESSO, SI CONVIENE E SI STIPULA QUANTO SEGUE

Articolo 1

(Valore delle premesse) □ Le premesse di cui sopra costituiscono parte integrante e sostanziale dell’Accordo stesso. Il presente accordo traduce in articoli la struttura organizzativa già sperimentata nell’ambito del progetto “Dialoghi delle Cattedre UNESCO”;

- I sottoscrittori convengono che, al fine di raggiungere gli obiettivi indicati, è opportuno definire il perimetro delle attività congiunte e dotarsi di una organizzazione rappresentativa così da consentire alle Cattedre di potersi confrontare con le istituzioni nazionali e internazionali in modo coordinato e congiunto, fermo restando la piena autonomia delle Cattedre;
- L’Accordo intende rafforzare il confronto interdisciplinare tra le Cattedre UNESCO italiane e le UNITWIN attraverso la costituzione di una rete permanente di dialogo quale foro di ascolto, confronto, scambio di buone pratiche, ricerche e progettualità, che possa contribuire alla crescita del Paese e alle linee di azione indicate dall’Organizzazione;

Articolo 2

(Costituzione e denominazione della ReCU)

- È istituita la Rete delle CATTEDRE UNESCO e UNITWIN Italiane d’ora in poi detta o Rete, evoluzione del progetto: “*Dialoghi delle Cattedre UNESCO: un laboratorio di idee per il mondo che verrà*”, a cui hanno diritto a partecipare tutte le Cattedre e Reti UNITWIN UNESCO Italiane costituite alla data della firma del presente Accordo. Alla

ReCUI potranno aderire altre Reti e Cattedre di futura costituzione che condividono le medesime finalità e obiettivi della ReCUI, ai sensi degli articoli contenuti nel presente Accordo;

- La Rete costituisce una community capace di sviluppare, disseminare, trasferire e adattare best practices nazionali e internazionali e di rappresentare adeguatamente gli aderenti alla ReCUI a livello nazionale e internazionale, con una particolare attenzione alle dimensioni di sostenibilità e al raggiungimento dei Sustainable Development Goals;

Articolo 3

(Oggetto e finalità) A tal fine la Rete intende:

- promuovere progetti di ricerca e di didattica congiunti, nel rispetto e nei limiti dell'ordinamento universitario di appartenenza, già sperimentati;
- favorire la dimensione educativa transdisciplinare incentivando nuovi approcci pedagogici e ideando iniziative coinvolgenti e innovative;
- promuovere la formazione e l'aggiornamento di soggetti pubblici o privati sui temi di azione dell'UNESCO dedicando particolare attenzione ai docenti di scuole di ogni ordine e grado;
- sviluppare iniziative di sensibilizzazione a dimensione locale, nazionale e internazionale, in ottica di stakeholder engagement;
- incentivare le collaborazioni con le istituzioni pubbliche e le aziende pubbliche e private per le finalità proprie delle Cattedre e Reti UNITWIN Italiane nell'ottica della terza missione dell'Università;
- Sostenere, attraverso la ricerca, la Strategia a Medio Termine dell'UNESCO 2022-2029;
- favorire la diffusione degli obiettivi di azione dell'UNESCO prefissati attraverso l'iniziativa "Futures of Education" che mira a ripensare l'istruzione e plasmare il futuro, partecipando al dibattito globale sulla necessità di reinventare la conoscenza e l'apprendimento in un mondo sempre più complesso, incerto e precario;
- disseminare le buone pratiche di sostenibilità, sia all'interno che all'esterno delle Cattedre UNESCO e UNITWIN (a livello urbano, regionale, nazionale, internazionale), in modo da incrementare gli impatti positivi in termini ambientali, etici, sociali ed economici delle azioni poste in essere dagli aderenti alla ReCUI, così da contribuire al raggiungimento degli SDGs e in modo da rafforzare la riconoscibilità e il valore dell'esperienza italiana a livello internazionale;
- formulare indirizzi, pareri e proposte, su materie di propria competenza, qualora richiesti da soggetti istituzionali.

Articolo 4

(Interessi delle Parti)

La sottoscrizione da parte dei Chair Holder del presente Accordo rappresenta per ogni Cattedra o Rete UNITWIN Italiana un interesse pubblico di adesione alla ReCUI, a

partecipare attivamente al raggiungimento degli obiettivi della ReCUI nel rispetto dei contenuti del presente Accordo. Tale sottoscrizione può essere resa manifesta inviandone copia al direttore del Dipartimento o altra struttura di appartenenza ed al Rettore. In particolare, ogni singola Cattedra o Rete UNITWIN aderente alla RCUI si attiva per:

- a) comunicare al Portavoce pro tempore, come definito ai sensi dell'Art. 5, un eventuale delegato, nominato dal Chair Holder della Cattedra, che rappresenta la propria Cattedra durante le Assemblee plenarie, ed è titolare dei diritti di elettorato attivo e passivo negli organismi della ReCUI;
- b) partecipare al Convegno annuale (con sede a rotazione tra le Cattedre della RCUI, sulla base di disponibilità manifestate al Portavoce durante una delle Assemblee plenarie) istituito come momento di conoscenza e cross-fertilization degli aderenti alla ReCUI e strumento importante di disseminazione delle attività ed iniziative della ReCUI verso soggetti istituzionali e Società Civile;
- c) collaborare alla realizzazione del Convegno annuale;
- d) comunicare al Portavoce pro tempore il nome di uno o più referenti che collaborano alla realizzazione delle finalità della ReCUI e contribuiscono alla realizzazione degli obiettivi sotto elencati:
 - 1) partecipare alle Commissioni Permanenti e ai Gruppi di Lavoro (GdL) temporanei condividendo le informazioni necessarie alla realizzazione delle attività, programmi, progetti;
 - 2) cooperare per la realizzazione di un Report annuale delle attività svolte in rete, in linea con il format predisposto dall'UNESCO, in modo da permettere alla Segreteria l'elaborazione di un Report di sintesi che mostri gli andamenti di performance in merito alle aree di lavoro (Key performance indicators);
 - 3) partecipare, senza diritto di voto, alle Assemblee plenarie della ReCUI anche in via telematica;
 - 4) partecipare al Convegno annuale della ReCUI;

Articolo 5

(Organi istituzionali)

Costituiscono gli organi istituzionali della ReCUI l'Assemblea Plenaria, la Segreteria Organizzativa e di Coordinamento, il Portavoce;

- 1) L'Assemblea Plenaria, costituita dai Chair Holder (o loro delegati) di tutte le Cattedre aderenti alla ReCUI che designa al suo interno il Portavoce. Alla Assemblee plenarie possono partecipare, senza diritto di voto, anche tutti i Referenti delle Cattedre. In sede di prima convocazione dell'Assemblea Plenaria, e fino alla designazione del Portavoce, che dovrà avvenire non oltre i tre mesi dalla firma del presente Accordo, e poi a regime dalla fine del mandato del Portavoce, viene convocata e presieduta dal decano dei Chair Holder della ReCUI;
- 2) La Segreteria Organizzativa e di Coordinamento, nominata dall'Assemblea, dura in carica 2 anni ed è composta da un minimo di 6 a un massimo di 12 componenti, tra i Delegati di cui alla lettera a) del precedente art. 4.; svolge funzioni di indirizzo e di

monitoraggio delle attività della ReCUI, in particolare per quanto attiene alla definizione delle Commissioni Permanenti e dei Gruppi di Lavoro temporanei, ai piani di attività e alla predisposizione del Report della ReCUI. In prima applicazione del presente accordo, e per il primo biennio, corrisponde alla esistente Segreteria Organizzativa e di Coordinamento di “Dialoghi delle Cattedre UNESCO”.

- 3) Il Portavoce della ReCUI è designato a maggioranza dalla Assemblea Plenaria, privilegiando un Chair Holder o past Chair Holder di una Cattedra aderente alla rete;

Articolo 6

(Assemblea plenaria) L'Assemblea plenaria è composta dai Chair Holder o Delegati ai sensi dell'art. 4. È presieduta dal Portavoce della ReCUI che la convoca almeno una volta ogni sei mesi, anche in via telematica, garantendo il metodo collegiale ed i principi di buona fede e parità di trattamento dei componenti dell'Assemblea. L'Assemblea plenaria:

- a) designa all'interno dell'elettorato passivo dell'Assemblea il Portavoce della RCUI;
- b) designa i componenti della Segreteria Organizzativa e di Coordinamento;
- c) approva la costituzione dei Gruppi di Lavoro e delle Commissioni Permanenti, a seguito di richiesta di almeno 5 Chair Holder delle Cattedre UNESCO;
- d) verifica lo stato dei lavori realizzati dalla ReCUI, anche tramite la valutazione del Report annuale di sintesi;
- e) condivide il piano delle iniziative elaborate dalla Segreteria Organizzativa e di Coordinamento, anche in previsione della predisposizione di nuove ipotesi di lavoro;
- f) delibera, per quanto di sua competenza, le modifiche del presente Accordo e su iniziative di particolare rilevanza e complessità che le vengono sottoposte dal Portavoce e dalla Segreteria Organizzativa e di Coordinamento;
- g) Per la validità delle sedute dell'Assemblea plenaria è necessario che intervenga almeno la maggioranza assoluta degli aventi diritto al voto. Le delibere dell'Assemblea sono validamente adottate a maggioranza assoluta dei presenti. In caso di parità prevale il voto del Portavoce.

Articolo 7

(Segreteria Organizzativa e di Coordinamento, Gruppi di Lavoro, Commissioni Permanenti)

Le attività operative della ReCUI sono coordinate dalla Segreteria Organizzativa e di Coordinamento, dai Gruppi di Lavoro e dalle Commissioni Permanenti.

- 1) La Segreteria organizzativa e di Coordinamento ha sede amministrativa a rotazione biennale sulla base della disponibilità offerta da una Cattedra afferente alla ReCUI. La Segreteria Organizzativa: **a)** supporta le attività dell'Assemblea plenaria e delle riunioni plenarie, redigendo i relativi verbali; **b)** supporta le attività dei Gruppi di Lavoro; **c)** predispone l'elaborazione del Report di sintesi; **d)** supporta l'organizzazione del Convegno annuale in collaborazione con la Cattedra ospitante; **e)** svolge le attività ufficiali di comunicazione all'interno e all'esterno delle ReCUI;

- 2) Gruppi di lavoro (GdL) ciascun Delegato delle Cattedre individua, se ritenuto opportuno, i Referenti della propria Cattedra per i vari Gruppi di Lavoro e ne comunica i nominativi alla Segreteria organizzativa e al coordinatore del GdL, che ne daranno adeguata pubblicizzazione. La segreteria Organizzativa e di coordinamento avvia, su richiesta di almeno 5 Cattedre UNESCO i Gruppi di Lavoro su temi considerati trasversali e prioritari, al fine di raggiungere con il maggior coinvolgimento possibile gli obiettivi istituzionali della ReCUI. La Segreteria Organizzativa e di Coordinamento supporta questi Gruppi di Lavoro, che individuano al loro interno un Coordinatore pro tempore, il cui mandato può durare fino all'estinzione del Gruppo di lavoro. I Gruppi di Lavoro riferiscono periodicamente alla Segreteria Organizzativa e di Coordinamento, pur mantenendo una loro autonomia operativa e organizzativa interna. In prima applicazione del presente Accordo anche i gruppi di lavoro istituiti all'interno del progetto *"Dialoghi delle Cattedre UNESCO"* si costituiscono come GdL della ReCUI;
- 3) Commissioni Permanenti supportano la Segreteria Organizzativa e di Coordinamento e il Portavoce nel loro operato. Le Commissioni Permanenti individuano al loro interno un coordinatore, il cui mandato dura due anni, non rinnovabili. In prima applicazione del presente accordo le Commissioni Permanenti coincidono con quelle istituite all'interno del progetto *"Dialoghi delle Cattedre UNESCO"*.

Articolo 8 (Portavoce)

Il Portavoce dura in carica 2 anni e il suo mandato non può essere rinnovato.

Il Portavoce:

- a) partecipa alle riunioni della Segreteria Organizzativa e di coordinamento;
- b) indice e presiede le riunioni delle Assemblee Plenarie;
- c) sottoscrive Protocolli d'Intesa e Lettere d'Intenti per favorire collaborazioni, progetti e iniziative non onerose circoscritte nel tempo, coerenti con le finalità della ReCUI, previa autorizzazione da parte della Segreteria, espressa anche per via telematica; tali Protocolli d'Intesa e Lettere d'Intenti non implicano per le parti l'assunzione di alcuna obbligazione ma costituiscono unicamente manifestazioni di interesse a cooperare per l'avvio delle collaborazioni;
- d) dispone l'uso del logo della ReCUI per iniziative proposte dalle Cattedre e Reti UNITWIN membri e da soggetti con i quali è stato sottoscritto un atto come da lettera precedente. Ogni altro utilizzo del logo dovrà essere disposto dall'Assemblea Plenaria;
- e) rappresenta la ReCUI presso la Commissione Nazionale Italiana UNESCO e presso l'UNESCO nelle relazioni esterne e può delegare la rappresentanza ad eventi e manifestazioni;

Articolo 9 (Risorse) Le

risorse della ReCUI sono:

Risorse umane e strumentali

Le attività oggetto della ReCUI saranno svolte con risorse umane proprie delle Parti, in particolare con l'impegno: dei Delegati e Referenti della ReCUI; del personale, individuato dalle Cattedre e Reti, che partecipa attivamente alle attività comuni; delle risorse strumentali che le Parti riterranno di destinare ai progetti/eventi. La Cattedra UNESCO che mette a disposizione la sede amministrativa metterà a disposizione le risorse strumentali necessarie per le attività di comunicazione istituzionale della ReCUI, il servizio o attività di comunicazione e informazione in rete (sito della Rete), social media, news provenienti dall'UNESCO etc.

Articolo 10

(Riservatezza)

Tutti i dati, i documenti e i materiali che verranno scambiati tra le Cattedre UNESCO in esecuzione del presente Accordo e prima che vi sia stata una comunicazione pubblica dovranno essere considerati come informazione riservata. Le Cattedre UNESCO concordano di utilizzare tali informazioni riservate solo in relazione all'esecuzione del presente Accordo, salvo diverso accordo, da formalizzarsi per iscritto.

Articolo 11

(Proprietà dei dati raccolti e dei risultati)

Le Parti concordano e si danno reciprocamente atto che saranno proprietarie in ugual misura dei risultati scaturiti delle attività comuni oggetto del presente Accordo, fatti comunque salvi i diritti morali dovuti agli autori. La proprietà dei dati conferiti rimane in capo all'Ente conferitore. I risultati comuni scaturiti nell'ambito del progetto Dialoghi delle Cattedre UNESCO saranno utilizzati, divulgati, pubblicati e sfruttati dalle Cattedre aderenti solo dopo la pubblicazione in forma aggregata da parte della Segreteria organizzativa.

Articolo 12

(Durata dell'Accordo)

Il presente Accordo ha una durata di 4 anni a decorrere dal 1 novembre 2022 e potrà essere rinnovato con apposito atto scritto per un periodo di uguale durata, previa approvazione delle Parti. È comunque fatto salvo l'obbligo delle Parti di portare a conclusione tutte le attività in essere al momento della scadenza. Dal presente accordo non possono derivare nuovi o maggiori oneri per i sottoscrittori o per gli Atenei di appartenenza.

Art 13

(Disposizioni transitorie)

Il presente accordo entra in vigore al momento della sua sottoscrizione da parte della ventunesima Cattedra UNESCO Italiana.

In regime di prima applicazione:

- la sede della segreteria della Rete verrà esercitata dalla Cattedre UNESCO in comunità energetiche sostenibili dell'Università di Pisa.

- il ruolo di portavoce verrà esercitato dal prof. Paolo Orefice, chairholder della Cattedra Sviluppo umano e Cultura della pace dell'Università di Firenze.
- il primo Convegno annuale della Rete verrà organizzato presso l'Università degli Studi di Firenze nel marzo dell'anno 2023 accogliendo, al termine dei lavori, la prima Assemblea plenaria della Rete con cui cesserà di aver vigore il presente articolo.