

UNESCO CHAIR REPORT FORM



TITLE OF THE CHAIR *Training and empowering human resources for health development in resource-limited countries*

HOST INSTITUTION **University of Brescia, Italy**
Website: <https://www.unibs.it/ricerca/unesco-chair-cattedra-unesco>

DATE OF ESTABLISHMENT OF CHAIR

- **Signature of the agreement is dated March 2014**
- **Renewed on July 11th, 2018 (letter signed by Dr Peter Wells) for the period 2018-2022**

PERIOD OF ACTIVITY UNDER REPORT **January – December 2018**

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 word)

During the year 2018 the UNESCO Chair “*Training and empowering human resources for health development in resource-limited countries*” of the University of Brescia (thereafter defined as “the Chair”) has continued its activities as initially scheduled. In particular the following activities have been carried out and are briefly summarized below:

A) Education/training/research

- Undergraduate training and awareness-raising activities for medical students and NGOs staff was taught in 5 different modules in the period april-june 2018;
- Stages of undergraduate medical students from the University of Brescia in developing countries:
 - a. Following an official agreement with Makerere University, undergraduate medical students from the University of Brescia have spent 1 month in Kampala at Mulago Hospital to get familiar with clinical and organizational problems in the tropics
- Graduate training in global health (TropEd Course and Master in Global Health):
 - a. The Graduate Course in Global Health has taken place at the University of Brescia from February 12th to May 28th, 2018). A scholarship program for physicians from developing countries has been funded by the Chair
 - b. The Master in Tropical Medicine and Global Health, co-organized by the Universities of Florence and Brescia, has delivered 60 credits in the Academic Year 2017-18
- Promoting the culture of Sustainability (Sustainable Development Goals – UN 2030 Agenda):
 - a. In 2018, the Chair has continued the cycle of seminars dedicated to each of the Sustainable Development Goals, open to the academic staff, students and the general population. Following the organization of the seminars dedicated to SDGs 1 to 5 in 2017, the following events were organized at the Teatro Grande in Brescia in 2018: SDG n. 6 (February 5th, 2018), SDG n. 7 (March 9th, 2018), SDG n. 8 (April 5th, 2018), SDG n. 9 (April 26th, 2018), SDG n. 10 (May 11th, 2018), SDG n. 11 (September 24th, 2018), SDG n. 12 (October 8th, 2018) and SDG n. 13 (December 4th, 2018).
- The Chair has co-organized, together with the UNESCO Chair on *Education for human development and solidarity among peoples* (Catholic University) and the UNESCO Chair on *Human rights and ethics of international co-operation* (University of Bergamo) the Summer School on Education to International Co-operation (*Formazione alla Co-operazione Internazionale*) held in Brescia on September 3-7, 2018
- The following research has been conducted by the Chair staff (see list of publications), with

specific reference to:

- Topic: Migration Medicine
 - a. Drivers of migration
 - b. Migration health (infectious diseases, non-communicable diseases, access to care)
- Topic: Health in developing countries
 - a. Gender malaria in Ghana
 - b. Feasibility of outreach delivery of primary care and HIV treatment in Mozambique

B) Conferences/meetings

- A meeting with the UNESCO associated Schools operating in the Provinces of Brescia, Bergamo, Cremona and Mantova has been organized by the Chair, together with the UNESCO Chair on *Education for human development and solidarity among peoples* (Catholic University) and the UNESCO Chair on *Human rights and ethics of international co-operation* (University of Bergamo) on November 6th, 2018. The meeting was intended to organize training activities for teachers of the UNESCO associated Schools to be performed in 2019
- The Chair has actively participated at the International Symposium of the Italian UNESCO Chairs (CONIUS) *Human Rights and Sustainable Development Goals 2030* held in Florence on November 16th, 2018
- The Chair has co-organized, on behalf of the University of Brescia, the International Conference on Migration Health of the International Society of Travel Medicine (ISTM), held in Rome on December 1-3, 2018
- The Chair has officially participated (and granted official auspice) to the conference South of the Mediterranean sea. Welcoming beyond sea limit (*A Sud del Mediterraneo. L'accoglienza oltre i confini del mare*), organized by the University of Genoa on October 16th, 2018

C) Interuniversity exchanges/partnerships

- The Chair has been included by the Italian Commission for UNESCO, together with other 10 Italian UNESCO Chairs, in the first Group named "Cultural identity, Migration, Human Rights and Health" (CONIUS), that has been very active in 2018, promoting meetings and issuing a statement
- The Chair has operated, together with the UNESCO Chair on *Education for human development and solidarity among peoples* (Catholic University) and the UNESCO Chair on *Human rights and ethics of international co-operation* (University of Bergamo) to implement the project "Education and social work in Tanzania and Cambodia" (*Educazione e lavoro sociale in Tanzania e Cambogia*), funded by the G. Tovini Foundation. After students' and teachers' exchange between Tanzania and Cambodia in 2018, the project will end with the visit of the delegations (teachers and students) from Tanzania (Ruaha University, Iringa) and Cambodia (St Paul Institute, Takeo) to Bergamo and Brescia next March-April 2019
- The following official agreements have been signed with Universities from developing countries:
 - a. Kwame N'Krumah University of Science and Technology (KNUST, Kumasi, Ghana) (signed

05/12/2017)

b. Catholic University of Addis Abeba (Ethiopia) (renewal signed april 26th, 2018)

D) Publication/multimedia materials

- Many research articles were published and many lectures were presented by the Chairholder, mainly focusing on international cooperation, training and migration issues. See complete list below
- The Chair has participated to the conception and writing of the book *Migrations and intercultural challeges (Migrazioni e sfide interculturale)* edited by Prof. G. Mari with the support of 4 italian Foundations ("G. Tovini" Foundation, SIPEC Foundation, Museke Foundation and ASM Foundation)

E) Others

- A special group of Italian UNESCO Chairs has been created under the auspices of the Italian UNESCO Commission (CONIUS: Cultural Identity, Immigration, Human rights and Health; *Identità culturale, Immigrazione, Diritti umani e Salute*), including 11 UNESCO Chairs from different Italian Universities. On December 14th, 2018, the CONIUS UNESCO Chair group issued a statement that is attached to this Report
- The University of Brescia, under the auspices of the Chair, has granted the *Laurea honoris causa* in *Green economy and sustainability* to Prof. Jeffrey Sachs from the University of Columbia (USA), an inspiring leader of the UN 2030 Agenda
- A Press Conference has been organized at the University of Brescia Headquarters on July 31st, 2018, with the presence of the Rector, to announce the renewal of the Chair for the period 2018-22

2. ACTIVITIES

Overview of activities undertaken by the chair during the reporting period

a) Education/training/research

<p>I) EDUCATION (LEADING TO CERTIFICATE)</p>	<p>The Chair has organized the XXII edition of the “Graduate Course on Global Health”, coordinated by the Chairholder Prof. F. Castelli, that is recognized as the Core Course of the European Master in International Health. A University certificate is issued at the end of the Course.</p> <p>The Program of the Course is attached (Annex 1)</p> <p>The UNESCO Chairs in Brescia has open a yearly call to offer one scholarship to medical doctors from low-income countries. During the 2018 edition of the Course (February-may 2018), the scholarship was attributed to Dr Patrick Hakizimana who, however, did not benefited from the scholarship because he eventually opted for a another study course elsewhere at the last minute</p> <p>The Chair also organizes, together with the Universities of Florence and Brescia, the Italian Master in Tropical Medicine and Global Health, that delivers 60 credit to graduated students willing to gain experience and skills to work in co-operation activities in developing Countries</p>
<p>II) TRAINING (SHORT TERM)</p>	<p>According to the approved plan of operation, the UNESCO Chair has organized a 10-hour elective course on “Tropical medicine and global health”, addressed to undergraduate medical students and staff from the civil society (NGOs, etc.). The course took place in 5 distinct 2-hour lectures in the period April –June 2018. University credits (CFU: <i>crediti formative universitari</i>) are offered to students attending 100% of the Course. The Course is intended to be mandatory for students willing to participate in the stage at Makerere University, Kampala (Uganda), that has an official agreement with University of Brescia to host 10-15 medical students/year willing to gain first-hand experience in the health systems in</p>

	developing Countries
III) RESEARCH	<p>The Brescia UNESCO Chair carries out research in the following fields:</p> <ul style="list-style-type: none"> - Migration medicine - Poverty-related diseases including TB, malaria and HIV/AIDS - International health - Capacity building <p>See box 2.D.II for the list of scientific publications by the Chairholder Prof. Francesco Castelli</p>

b) Conferences/Meetings	
I) KEY CONFERENCES AND WORKSHOPS HOSTED BY THE CHAIR	<p>The Chair has co-organized, together with the UNESCO Chairs on <i>Education for human development and solidarity among peoples</i> (Catholic University) and on <i>Human rights and ethics of international co-operation</i> (University of Bergamo) the Summer School on “Education to International Co-operation” (<i>Formazione alla Co-operazione Internazionale</i>) held in Brescia on September 3-7, 2018. The Course has been funded by the Fondazione Tovini (Brescia), Fondazione Museke (Brescia) and Fondazione Chizzolini (Bergamo). The Course has been attended by more than 30 persons, mainly young, interested to International Cooperation. The program of the Summer School is attached (Annex 2)</p> <p>The Chair has promoted and organized an ambitious cycle of lectures on Sustainable Development Goals, held at the Teatro Grande of Brescia and targeted to the academic community as well as to the general population of the town, presenting each of the Sustainable Development Goals of the 2030 Agenda of the United Nations. Each Lecture has been delivered by a recognized national/international expert and has been introduced by the Chairholder Prof. F. Castelli and by an academic staff from the University of Brescia (see Annex 3)</p> <p>After the first 5 events had been organized in 2017, the Lectures devoted to SDGs 6 to 13 have been carried out in 2018 according to the following schedule</p> <ul style="list-style-type: none"> • SDG 6: Clean water and sanitation Date: February 5th, 2018 Invited Guest: Prof. C. Zurbruegg (Zurich) Host: Prof. S. Sorlini and F. Donato (University of Brescia)

	<ul style="list-style-type: none"> • SDG 7: Affordable and clean energy Date: March 9th, 2018 Invited Guest: Prof. C. Zurbruegg (Zurich) Host: Prof. S. Sorlini and F. Donato (University of Brescia) • SDG 8: Decent work and economic growth Date: April 5th, 2018 Invited Guest: Prof. E. Giovannini (Former Italian Minister of Labor, Rome) Host: Prof. ML Parisi (University of Brescia) • SDG 9: Industry, innovation and infrastructure Date: April, 26th, 2018 Invited Guest: Dr G. Milani (ENI, Milan) Host: Prof. D. Bianchini and S. Vergalli (University of Brescia) • SDG 10: Reduced inequalities Date: May, 11th, 2018 Invited Guest: Dr R. Barbieri (OXFAM, Milan) Host: Prof. R. Miniaci (University of Brescia) • SDG 11: Sustainable cities and communities Date: September 24th, 2018 Invited Guest: Prof. R. Yaro (USA) Host: Prof. M. Tira (Rector of the University of Brescia) • SDG 12: Responsible production and consumption Date: October 8th, 2018 Invited Guest: Prof. F. Sottile (Palermo) Host: Prof. A. Tencati (University of Brescia) • SDG 13: Climate action Date: December 4th, 2018 Invited Guest: Prof. F. Giorgi (Trieste) Host: Prof. R. ranzi and Prof. G. Grossi (University of Brescia) <p>The cycle has continued in 2019 and will be closed by the last event on the 22nd of May 2018, where also Mrs Stefania Gianni, UNESCO ADG for Education, has been invited (confirmation pending)</p>
--	--

	<p>The calendar and the videos of all the events are available on the website of the University of Brescia and the UNESCO Chair of Brescia at the link: https://www.unibs.it/ateneo/vita-dell-ateneo/seminars-sustainable-development-goals</p>
<p>OTHER CONFERENCES/OR ORGANIZATIONAL ACTIVITIES UNDERTAKEN BY THE CHAIRHOLDER</p>	<ul style="list-style-type: none"> • A meeting with the UNESCO associated Schools operating in the Provinces of Brescia, Bergamo, Cremona and Mantova has been organized by the Chair, together with the UNESCO Chair on <i>Education for human development and solidarity among peoples</i> (Catholic University) and the UNESCO Chair on <i>Human rights and ethics of international co-operation</i> (University of Bergamo) on November 6th, 2018. The meeting was intended to organize training activities for teachers of the UNESCO associated Schools to be performed in 2019. The proposal is intended to provide UNESCO Schools teachers with key elements to plan projects and activities with their students on the following topics: <ul style="list-style-type: none"> ○ Migration (keywords: determinants of migration, impact on the origin and receiving countries, integration in host societies with particular reference to Europe and Italy) ○ Sustainable Development Goals (keywords: UN 2030 Agenda, sustainability, economy, environment and equity, individual contribution to sustainability) ○ Re-thinking education (keyword: analysis of the UNESCO document, recently translated into Italian by one of the promoting UNESCO Chairs) <p>Each topic will be taken in charge by one of the collaborating UNESCO Chairs, by organizing a specific training event with the interested teachers from the UNESCO affiliated schools, as follows:</p> <ol style="list-style-type: none"> a. UNESCO Chair on Training and empowering human resources for health development in resource-limited Countries (University of Brescia) → MIGRATION b. UNESCO Chair on <i>Human rights and ethics of international co-operation</i> (University of Bergamo) → SUSTAINABLE DEVELOPMENT GOALS c. UNESCO Chair on <i>Education for human development and solidarity among peoples</i> (Catholic University) → RE-THINKING EDUCATION <p>It is our goal to stimulate projects to be presented in a later event by students themselves. Besides the document “Re-thinking education”, the recent publication “Migration and intercultural challenge” (<i>Migrazioni e sfide interculturali</i>), recently published (2017) with the concept contribution of the Brescia UNESCO Chair, will also be adopted.</p>

	<ul style="list-style-type: none"> • The International Conference on Migration Health (ICMH) has been organized in Rome (1-3 October 2018) by the International Society of Travel Medicine and relevant partners, including the International Organization for Migration (IOM) and the World Health Organization (WHO). More than 300 people have participated from all over the world. Prof. Francesco Castelli has acted as the Local Organizing Committee Chair and the University of Brescia and the Chair are also listed among the partners of the Conference • The Chair has actively participated at the International Symposium of the Italian UNESCO Chairs (CONIUS) Human Rights and Sustainable Development Goals 2030 held in Florence on November 16th, 2018 • The Chair has officially participated (and granted official auspice) to the conference South of the Mediterranean Sea. Welcoming beyond sea borders (<i>A Sud del Mediterraneo. L'accoglienza oltre i confini del mare</i>), organized by the University of Genoa on October 16th, 2018 (Programme attached as Annex 4) 			
III) A SELECTION OF CONFERENCE PRESENTATIONS BY THE CHAIRHOLDER AND OTHER COLLEAGUES (Note: only presentations relevant to the chair's mission are reported)	Lecturer	Title (in the language the lecture has been delivered)	Congress/conference	Venue, date
	Francesco CASTELLI	Salute e povertà in Africa	Conference of the University College "Santa Caterina"	University of Pavia, January 15 th , 2018
	Francesco CASTELLI	In attesa dei vaccini in fila sotto il baobab	UniVax Day, organized by the Italian Society of Clinical Immunology and Allergology (SIICA)	University of Brescia, February 11 th , 2018
	Francesco CASTELLI	Medici (personale sanitario) in campo. L'incontro con l'altro	Meeting promoted by the students' Association "Inoltre"	University of Brescia, March 7 th , 2018
	Francesco CASTELLI	HIV/AIDS: il panorama internazionale della epidemia	Lecture at the Interuniversity Master in Tropical Medicine and Global Health	University of Florence, March 13 th , 2018
	Francesco CASTELLI	I determinanti del fenomeno migratorio	Meeting organized by the Unione Giornalisti Italiani Scientifici (UGIS)	Brescia, April 16 th , 2018

Francesco CASTELLI	I determinanti delle migrazioni le migrazioni come determinante di salute	Opening Lecture of the National Congress of the Italian Society of Migration Medicine (SIMM)	Catania, April 18th, 2018
Francesco CASTELLI	How to design refugee and migrant healthcare services upon and after arrival?	28 th Congress of the European Society of Clinical Microbiology and Infectious Diseases (ECCMID)	Madrid, April 21st-24th, 2018
Francesco CASTELLI	L'infezione da HIV a 30 anni dalla prima diagnosi: dalle categorie a rischio ai comportamenti a rischio	Congress "Le Malattie Trasmesse Sessualmente: non solo HIV", organized by the Local Health Authority of Brescia	Brescia, May 30th, 2018
Francesco CASTELLI	Sviluppo sostenibile e cooperazione. Il ruolo del partenariato universitario e la sfida dello sviluppo sanitario	Festival dello Sviluppo Sostenibile	University of Pavia, May 31st, 2018
Francesco CASTELLI	Malaria di importazione: manifestazioni cliniche e terapia	Conference "SORVEGLIANZA DELLA MALARIA IN ITALIA: CRITICITA' E PROSPETTIVE"	Roma, National Institute of Health, June 6-7th, 2018
Francesco CASTELLI	Malaria Eradication. Successes and Challenges	XXX National Congress of the Italian Society of Parasitology (SOIPA)	University of Milan, June 26-28 th , 2018
Francesco CASTELLI	La malaria grave: una emergenza medica	XXI Advanced Course: "Patogenesi, diagnosi e terapia della infezione-malattia da HBV, HCV, HIV"	Pavia, June 27-28th, 2018
Francesco CASTELLI	Access to health and how to do it inclusively	International Conference on Migration Health, organized by the International Society of Travel Medicine (ISTM)	Hotel Ergife, Rome, October 1-3, 2018
Francesco CASTELLI	Prendersi cura delle povertà	Conference "Le povertà, lo sviluppo sostenibile, le tecnologie. Formazione, giovani, adattamento climatico", organized by the	Catholic University of the Sacred Heart, Brescia, October 10-

			Catholic University of the Sacred Heart	11 th , 2018
Francesco CASTELLI	Migrazioni e accoglienza. Dei diritti e delle responsabilità Quale cooperazione all'epoca delle grandi migrazioni?		Conference "A SUD DEL MEDITERRANEO L'accoglienza oltre i confini del mare "	University of Genoa, October 16 th , 2018
Francesco CASTELLI	Health impact assessment and mitigation multidisciplinary approach. The role of Universities		ASPEN Conference: Climate change = economic change	Milan, October 26 th , 2018
Francesco CASTELLI	Infezione da HIV e trasfusione. Nuovi scenari		Courses of the Italian Society of Transfusional Medicine (SIMT)	Milan, November 6 th , 2018 Rome, December 4 th , 2018
Francesco CASTELLI	National immunization program in rural area of Mozambique. Evaluation of immunization coverage rates in child population accessed to a health service		Interdisciplinary meeting of the Italian UNESCO Chairs, Group 1, organized by the University of Florence	University of Florence, November 16 th , 2018
Agnese COMELLI	Retention in care of newly diagnosed HIV patients. Similarities and differences among Italian health system and mobile-TARV strategy in Morrumbene, Mozambique		Interdisciplinary meeting of the Italian UNESCO Chairs, Group 1, organized by the University of Florence	University of Florence, November 16 th , 2018
Virginia QUARESIMA	Is Plasmodium falciparum malaria incidence and severity		Interdisciplinary meeting of the Italian UNESCO Chairs, Group	University of Florence, November

		in holo-endemic areas influenced by gender?	1, organized by the University of Florence	16 th , 2018
	Valentina MARCHESE	Addressing tuberculosis in vulnerable populations in Europe: the EDETECT-TB project and its activities in Brescia	Interdisciplinary meeting of the Italian UNESCO Chairs, Group 1, organized by the University of Florence	University of Florence, November 16 th , 2018
	Francesco CASTELLI	I nuovi flussi migratori ed il rischio infettivo	XVII National Congress of the Italian Society for Infectious and Tropical Diseases (SIMIT) – Opening Lecture	Turin, December 2-5, 2018
	Francesco CASTELLI	Salute, sviluppo e globalizzazione	Training Course in “Tropical Medicine”, Medicus Mundi Italia	Brescia, Medicus Mundi Italia headquarters, November 5 th , 2018
	Francesco CASTELLI	Malattie da vettori: quali prospettive di immunizzazione?	Course on Vaccinology, organized by the University of Ferrara	Ferrara, December 14 th , 2018
	Francesco CASTELLI	Da Alma Ata al Sustainable Development Goal n. 3	15° Convegno “Obiettivi di Sviluppo Sostenibile in campo ambientale”	University of Brescia, December 18 th , 2018

c) Interuniversity exchanges/partnerships

(Principals exchanges/partnerships between the chair and other institutions, including UNESCO chairs/UNITWIN networks)

During 2018, many exchanges have been held with other UNESCO Chairs, UNESCO Headquarters and International Institutions:

In 2018, the Italian UNESCO Commission has decided to split the Italian UNESCO Chairs into 3 groups, according to their mission and mandate. The UNESCO Chair “Training and empowering human resources for health development in resource-limited countries” of the University of Brescia has been included in the first Group, named “*Cultural identity, migration, human rights and health*” together with other 10 Italian UNESCO Chairs. The list of the Italian UNESCO Chairs included in this specific group follows:

1. “Sviluppo Umano e Cultura di Pace” (University of Florence, Prof. P. Orefice)

2. "Sovranità e cooperazioni" (University of Bergamo, Prof. S. Gandolfi)
3. "Training and empowering human resources for health development in resource-limited countries" (University of Brescia, Prof. F. Castelli)
4. "Bioetica e Diritti Umani" (Ateneo Pontificio Regina Apostolorum, Prof. Alberto G. Garcia)
5. "Antropologia della Salute-Biosfera e Sistemi di Cura" (University of Genoa, Prof. A. Guerci)
6. "Popolazione, Migrazioni e Sviluppo" (University of Rome, Prof. R. Cagianò de Azevedo)
7. "Social and Spatial Integration of International Migrants: urban policies and practices" (IUAV University, Florence)
8. "Cultural and Comparative Studies on Imaginary" IULM University, Prof. P. Proietti)
9. "Pace, Sviluppo Culturale e Politiche Culturali" (Int.I Institute Jacques Maritain, Rome)
10. "Diritti umani democrazia e pace" (University of Padua, Prof. M. Mascia)
11. Cattedra UNESCO "Pluralismo religioso e la pace" (University of Bologna, Prof. A. Melloni)

A number of meetings have been held together with the Chairs of the group. Of particular interest the meeting held in Florence on the 16 of November and in Rome on the 14th of December. During the meeting, all the Chairs had the opportunity to exchange their research activities and results and to issue a statement that is attached as Annex 5 to this Report

The Chair has actively interacted with the UNESCO Chair "*Human Rights and Ethics of International Cooperation*", University of Bergamo. In particular, the Chairs have signed an agreement to implement the three-year project "**Education and Social Work in Tanzania and Cambodia**" in partnership with the Ruaha Catholic University of Iringa (Tanzania), the S. Paul institute of Takeo (Cambodia) and the Royal University of Phnom Penh (Cambodia). The project is having fruitful results and will have its end at the end of March 2019, when the delegations of students and teachers from Iringa and Takeo will visit the Chairs and the Universities of Brescia and Bergamo to wrap-up and discuss the overall results of the project

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.

In 2018, the UNESCO Chair *Education for human development and solidarity among peoples* has also been established at the Catholic University of the Sacred Heart (Brescia, Chairholder Prof. Domenico Simeone). Many interactions have taken place between our two Chairs, namely:

- Joint planning of a training program for teachers of the UNESCO affiliated schools of the provinces of Brescia, Bergamo, Mantova and Cremona
- Participation of the Chairholder Prof. F. Castelli to the launching event of the UNESCO Chair *Education for human development and solidarity among peoples*, that took place in Brescia on January 18th, 2019
- Participation of the Chairholder Prof. F. Castelli to the Scientific Committee of the UNESCO Chair *Education for human development and solidarity among peoples*.

--

d) Publications/Multimedia Materials			
(Major publications and teaching/learning materials)			
Please tick relevant fields of output and indicate volume of output		[TICK]	[No]
	BOOKS	<input type="checkbox"/>	
	BOOKS (EDITED)	<input type="checkbox"/>	
	BOOKS (CHAPTERS)	X	3
	MONOGRAPHS	<input type="checkbox"/>	
	RESEARCH REPORTS	<input type="checkbox"/>	
	JOURNAL ARTICLES (REFEREED)	X	20
	CONFERENCE PROCEEDINGS (INT.L)	X	12
	OCCASIONAL PAPERS	<input type="checkbox"/>	
	TEACHING/LEARNING MATERIAL	<input type="checkbox"/>	
	MULTIMEDIA MATERIALS (CD-ROM)	<input type="checkbox"/>	
	MULTIMEDIA MATERIALS (VIDEO)	<input type="checkbox"/>	
	MULTIMEDIA MATERIALS (OTHER)	<input type="checkbox"/>	
Give details of major publications and materials including full citations			
I) THESES (2016)	<u>Thesis for medical students</u>		
	TITLE	SUPERVISOR	STUDENT
	Epidemiologia e risposta viro-immunologica alla terapia antiretrovirale di prima linea di una coorte di pazienti con infezione da HIV di sottotipo Non-B; esperienza delle malattie infettive degli ospedali Civili di Brescia	Prof. F. Castelli	Francesco Invernici
	Caratteristiche cliniche, viro-immunologiche e terapeutiche in pazienti con infezione da HIV a trasmissione verticale	Prof. F. Castelli	Davide Filippini
	Impatto dei nuovi farmaci ad azione antivirale diretta (DAAs) su qualità di vita e su performance neurocognitive nei pazienti con infezione cronica da HCV. Studio prospettico osservazionale,	Prof. F. Castelli	Sara Volpi
	La malaria di importazione nel paziente pediatrico: la casistica di Brescia.	Prof. F. Castelli	Agnese Fanetti Zamboni

	Differenze di genere nella gestione cronica dell'infezione da HIV.	Prof. F. Castelli	Andrea Piazzoli
	Monitoraggio epidemiologico e outcome clinico delle infezioni del torrente circolatorio: studio osservazionale prospettico.	Prof. F. Castelli	Chiara Bolcato
	Prevalenza delle patologie tiroidee nel paziente con infezione da HIV	Prof. M.Eugenia Quiros Roldan (co-supervisor: Prof. Francesco Castelli)	Tommaso Della Giustina
	Tasso di completamento del trattamento dell'infezione tubercolare latente nei richiedenti asilo e analisi delle cause di interruzione.	Prof. Alberto Matteelli (co-supervisor: Prof. Francesco Castelli)	Ester Lovato
<u>Thesis for specializing physicians (Infectious Diseases and Tropical Medicine/Public Health)</u>			
	<i>TITLE</i>	<i>SUPERVISOR</i>	<i>PHYSICIAN IN TRAINING</i>
	<i>Diagnostic stewardship nel paziente critico: analisi retrospettiva di un modello di risk stratification e multi-level management</i>	Prof. F. Castelli	Dott. Davide Mangioni
	Screening della malattia tubercolare e dell'infezione tubercolare latente nei richiedenti asilo a Brescia: accesso, aderenza e completamento del percorso diagnostico-terapeutico	Prof. F. Castelli	Dott. Paola Zanotti
II) PUBLICATIONS (all the 2018 publications of the Brescia UNESCO Chairholder are listed in the box, many of whom many not have the UNESCO Chair affiliation mentioned. Only	<u>Books' chapters</u>		
	Authors	Title of the Chapter	Title of the Book
	Castelli F, Muiesan ML, El Hamad I	Migration, communicable and non-communicable diseases. Are we witnessing a paradigm shift?	Ethnic diversities, hypertension and global cardiovascular risk (Editors: Modesti P.A., Cappuccio F.P., Parati G.), pagg. 17-
			Publisher Springer, 2018

international peer-reviewed publications are listed)	<p style="text-align: right;">26</p> <p>Castelli F. Il faticoso cammino della salute per tutti Un viaggio lungo 50 anni. Il cammino di Medicus Mundi nella Cooperazione Internazionale, pagg. 29-33 Tipografia GraficaCM, Leno (BS), 2018</p> <p>Castelli F. La cooperazione internazionale per lo sviluppo: i migranti ci interrogano Un viaggio lungo 50 anni. Il cammino di Medicus Mundi nella Cooperazione Internazionale Pagg. 43-46 Tipografia GraficaCM, Leno (BS), 2018</p> <p><u>Peer-reviewed journal articles by the Chairholder</u></p> <ol style="list-style-type: none"> 1. Llibre JM, Hung C-C, Brinson C, Castelli F, Girard P-M, Kahl LP, Blair EA, Angelis K, Wynne B, Vandermeulen K, Underwood M, Smith K, Gartland M, Aboud M. <i>Efficacy, safety, and tolerability of dolutegravir plus rilpivirine for the maintenance of virologic suppression in HIV-1-infected adults: the phase III, randomized, open-label, active-controlled, noninferiority SWORD-1 and SWORD-2 studies. The Lancet</i>, Published online January 5, 2018 http://dx.doi.org/10.1016/S0140-6736(17)33095-7 2. Saracino A, Zaccarelli M, Lorenzini P, Bandera A, Marchetti G, Castelli F, Gori A, Girardi E, Mussini C, Bonfanti P, Ammassari A, d'Arminio Monforte A, for the Icona Foundation Study Group. <i>Impact of social determinants on antiretroviral therapy access and outcomes entering the era of universal treatment for HIV-infected people. BMC Public Health</i> (2018) 18:870, https://doi.org/10.1186/s12889-018-5804-z
--	--

3. Comelli A, Izzo I, Casari S, Spinetti A, Bergamasco A, Castelli F. *Hepatitis A outbreak in men who have sex with men (MSM) in Brescia (Northern Italy)*, July 2016-July 2017. *Infez Med.* 2018 Mar 1; 26 (1): 46-51
4. Baggi P, Casiraghi S, Lanza P, Bozzola A, Vinco A, Villanacci V, Castelli F, Ronconi M. *Simultaneous diagnosis of acute Crohn's disease and endometriosis in a patient affect of HIV: a case report.* *Case Rep Gastrointest Med.* 2018 May 9;2018:1509167. doi: 10.1155/2018/1509167. eCollection 2018
5. Focà E, Calcagno A, Bonito A, Cusato J, Domenighini E, D'Avolio A, Quiros-Roldan E, Trentini L, Castelnuovo F, Di Perri G, Castelli F, Bonora S. *Pharmacokinetic Changes during Pregnancy According to Genetic Variants: A Prospective Study in HIV-infected Patients Receiving Atazanavir/Ritonavir.* *Antimicrobial Agents and Chemotherapy*, 2018 May 14. pii: AAC.00309-18. doi: 10.1128/AAC.00309-18. [Epub ahead of print]
6. De Francesco MA, Izzo I, Properzi M, Gargiulo F, Caccuri F, Quiros-Roldan E, Castelli F, Caruso A, Foca' E. *Prevalence of integrase strand transfer inhibitors (InSTIs) resistance mutations in InSTIs -naive and -experienced HIV-1 infected patients: a single Center experience.* *AIDS Res Hum Retroviruses.* 2018 Apr 10. doi: 10.1089/AID.2018.0006. [Epub ahead of print]
7. Piccinelli G, Caccuri F, De Peri E, Tironi A, Odolini S, Notarangelo L, Gargiulo F, Castelli F, Latronico N, Facchetti F, Caruso A. *Fulminant septic shock caused by Capnocytophaga canimorsus in Italy: case report.* *Int J Infect Dis.* 2018 May 3. pii: S1201-9712(18)34403-5. doi: 10.1016/j.ijid.2018.04.4319. [Epub ahead of print]
8. Zanotti P, Chirico C, Gulletta M, Ardighieri L, Casari S, Quiros Roldan E, Izzo I, Pinsi G, Lorenzin G, Facchetti F, Castelli F, Focà E. *Disseminated Histoplasmosis as AIDS-presentation. Case report and comprehensive review of current literature.* *Mediterr J Hematol Infect Dis.* 2018 Jul 1;10(1):e2018040. doi: 10.4084/MJHID.2018.040. eCollection 2018.
9. Castelli F. *Drivers of migration. Why do people move?* *Journal of Travel Medicine*, 2018 Jul 1;25(1). doi: 10.1093/jtm/tay040

- | | |
|--|--|
| | <p>10. Quiros-Roldan E, Magro P, Raffetti E, Izzo I, Borghetti A, Lombardi F, Saracino A, Maggiolo F, Castelli F. <i>Biochemical and inflammatory modifications after switching to dual antiretroviral therapy in HIV-infected patients in Italy: a multicenter retrospective cohort study from 2007 to 2015. BMC Infect Dis.</i> 2018 Jun 25;18(1):285. doi: 10.1186/s12879-018-3198-2</p> <p>11. Chirico C, Izzo I, Casari S, Cattaneo C, Doglietto F, Castelli F. <i>AIDS-associated central nervous system lymphoma: the great mime. A case report and literature review. Infect Dis Trop Med</i> 2018; 4 (2): e472</p> <p>12. Saracino A, Zaccarelli M, Lorenzini P, Bandera A, Marchetti G, Castelli F, Gori A, Girardi E, Mussini C, Bonfanti P, Ammassari A, d'Arminio Monforte A; Icona Foundation Study Group. <i>Impact of social determinants on antiretroviral therapy access and outcomes entering the era of universal treatment for people living with HIV in Italy. BMC Public Health.</i> 2018 Jul 13;18(1):870. doi: 10.1186/s12889-018-5804-z.</p> <p>13. Quiros-Roldan E, Zanini B, Ferraresi A, Castellano M, Giustini V, Sottini A, Castelli F, Imberti L. <i>Peripheral loss of regulatory T cells and polyautoimmunity in an HIV-infected patient. Int J STD AIDS.</i> 2018 Jul 27:956462418785997. doi: 10.1177/0956462418785997. [Epub ahead of print]</p> <p>14. Myran DT, Morton RL, Biggs BA, Veldhuijzen IK, Castelli F, Tran A, Staub L, Agbata E, Rahman P, Pareek M, Noori T, Pottie K. <i>The effectiveness and cost-effectiveness of screening for and vaccination against Hepatitis B virus among migrants in the EU/EEA: A Systematic Review. Int J Environ Res Public Health.</i> 2018 Sep 1;15(9). pii: E1898. doi: 10.3390/ijerph15091898. Review.</p> <p>15. Greenaway C, Makarenko I, Abou Chakra C-N, Alabdulkarim B, Christensen R, Palayew A, Tran A, Staub L, Pareek M, Meerpohl JJ, Noori T, Veldhuijzen I, Pottie K, Castelli F, Morton RL. <i>The effectiveness and cost-effectiveness of hepatitis C Screening for migrants in the EU/EEA: a systematic review. International Journal of Environmental Medicine and Public Health</i>, accepted</p> |
|--|--|

16. Properzi M, Magro P, Castelli F, Quiros-Roldan E. *Dolutegravir-rilpivirine: first 2-drug regimen for HIV-positive adults. Expert Rev Anti Infect Ther.* 2018 Nov 5:1-11. doi:10.1080/14787210.2018.1544491. [Epub ahead of print]
17. Tomasoni L, Messina G, Genco F, Scudeller L, Prestia M, Spinoni V, Bonfanti C, Prefumo F, Castelli F, Meroni V. *Risk of congenital toxoplasmosis in women with low or indeterminate anti-Toxoplasma IgG avidity index in the first trimester of pregnancy: an observational retrospective study. Clin Microbiol Infect.* 2018 Oct 10. pii: S1198-743X(18)30664-5. doi: 10.1016/j.cmi.2018.09.024. [Epub ahead of print] PMID: 30315959
18. Pontarelli A, Marchese V, Scolari C, Capone S, El-Hamad I, Donato F, Moioli R, Girardi E, Cirillo DM, Castelli F, Matteelli A. *Screening for active and latent tuberculosis among asylum seekers in Italy: A retrospective cohort analysis. Travel Med Infect Dis.* 2018 Oct 19. pii: S1477-8939(18)30370-3. doi: 10.1016/j.tmaid.2018.10.015. [Epub ahead of print] PMID: 30347248
19. Quiros Roldan E, Pezzoli MC, Berlendis M, Raffetti E, Ferraresi A, Properzi M, Rodari P, Castelli F. *A COPD case-finding program in a large cohort of HIV-infected subjects. Respir Care.* 2018 Dec 11. pii: respcare.06247. doi: 10.4187/respcare.06247. [Epub ahead of print]
20. Paini A, Salvetti M, Caligaris S, Castelli F, Muiesan ML. *Chronic kidney disease in low-middle income populations: a call to action for screening and prevention. Intern Emerg Med.* 2018 Dec 6. doi: 10.1007/s11739-018-2005-9. [Epub ahead of print]

Abstracts in Conference Proceedings (International only) by the Chairholder

1. Lapadula G, Bernasconi DP, Bai F, Di Biagio A, Focà E, Bonora S, Castelli F, Viscoli C, Bandera A, d'Arminio Monforte A, Gori A. *No change in neurocognitive function after switching from efavirenz to rilpivirine, Conference on Retroviruses and Opportunistic Infections (CROI), Boston, 4-7 March 2018*

2. Gona F, Rossi M, Chatenoud L, Itri T, Castelli D, Luzzaro F, Castiglioni B, Ceruti R, Castelli F, Ferrari L, Morelli P, Romeri F, Martegani R, d'Arminio Monforte A, Puoti M, Grossi P, Arghittu M, Bigoni S, Cerri M, D'Antonio A, Battaglia S, Trovato A, Cirillo D, Gori A. *Tracking KPC outbreaks by whole-genome analysis in an Italian multicentre study*. 28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, 21-24 April 2018, Abs P-1068
3. Izzo I, Ferraresi A, Saccani B, Invernici F, Quiros-Roldan E, Focà E, Pezzoli MC, Forleo M, Castelnuovo F, Allegri R, El Hamad I, Castelli F. *Epidemiological and clinic characteristics of HIV-infected patients lost to follow-up (LTFU) in a 12-month period: a single-cohort observational study in Northern Italy*. 28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, 21-24 April 2018, Abs P-1918
4. Quiros-Roldan E, Ferraresi A, Zanella I, Properzi M, Lanza P, Pezzoli MC, Vezzoli M, Biasiotto G, Castelli F. *Impact of antiretroviral therapy on anaemia and inflammation in HIV-infected people*. 28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, 21-24 April 2018, Abs E-0194
5. Magro P, Raffetti E, Izzo I, Borghetti A, Lombardi F, Saracino A, Maggiolo F, Quiros-Roldan E, Castelli F. *Biochemical and inflammatory modifications after switching to dual antiretroviral therapy in a multicentre cohort from Italy: a retrospective study from 2007 to 2015*. 28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, 21-24 April 2018, Abs 00202
6. Orkin C, Castelli F, Yazdanpanah Y, Rockstroh J, Brinson C, Di Perri G, Liu Y-P, Zhong L, Collins SE, Martin H, Sengupta D, Das M. *Cardiovascular Disease Risk Assessments and Fasting Lipid Changes in Virologically Suppressed Patients Randomized to Switch to Tenofovir Alafenamide versus Continuing Tenofovir Disoproxil Fumarate*. 22nd International AIDS Conference. Amsterdam, 23-27 July 2018
7. Mussini C, Roncaglia E, Sighinolfi L, Nozza S, Catellan A, Bonfanti P, Palvarini L, Castelli F, Di Biagio A, Maggiolo F. *A prospective randomized trial on abacavir/lamivudine plus darunavir/r or raltegravir in patients with CD4+ < 200 cells/ μ l (PRADAR study)*. HIV Drug Therapy (Glasgow), 2018. *Journal of the International AIDS Society*, 2018; 21 (S8):e25187, Abs P042, page 41-42
8. Antinori A, Gori A, Ripamonti D, Rusconi S, Gianotti N, Maserati R, Muscatello A, Di Cristo V, Castagna A, Rizzardini G, Cattelan A, Menzaghi B, Sterrantino G, Kiro S, Castelli F, Focà E, Saccani B, Orofino G, Farenga M, Cauda R, La Monica S, Vullo V, De Luca A, Rossetti B, Manzillo E, Gioé C,

	<p>Celesia B, Locatelli M, Madeddu G, Bagella P, Santantonio T, Ferrara S, Cosco L, Pontali E, d'Arminio Monforte A, Curetti R, Andreoni M, Stingone C, Uglietti A, Termini R, Mancusi D. <i>Patient-reported outcomes in an observational cohort of adult HIV-1 positive patients after 48 weeks of treatment of darunavir/cobicistat-based regimens (TMC114FD1HTX4003 (ST.O.RE) Study)</i>. HIV Drug Therapy (Glasgow), 2018. <i>Journal of the International AIDS Society</i>, 2018; 21 (S8):e25187, Abs P109, page 80-81</p> <p>9. Gori A, Antinori A, Ripamonti D, Rusconi S, Gianotti N, Maserati R, Muscatello A, Di Cristo V, Castagna A, Rizzardini G, Cattelan A, Menzaghi B, Sterrantino G, Kiros S, Castelli F, Focà E, Sacconi B, Orofino G, Farenga M, Cauda R, La Monica S, Vullo V, De Luca A, Rossetti B, Manzillo E, Gioé C, Celesia B, Locatelli M, Madeddu G, Bagella P, Santantonio T, Ferrara S, Cosco L, Pontali E, d'Arminio Monforte A, Curetti R, Andreoni M, Stingone C, Uglietti A, Termini R, Mancusi D. <i>Effectiveness and safety of cobicistat-booster darunavir-based antiretroviral treatment in an Italian observational cohort: the TMC114FD1HTX4003 (ST.O.RE) Study</i>. HIV Drug Therapy (Glasgow), 2018. <i>Journal of the International AIDS Society</i>, 2018; 21 (S8):e25187, Abs P109, page 81-82</p> <p>10. Magro P, Zanotti P, Comelli A, Marchese V, Quaresima V, Odolini S, Forleo M.A., Tomasoni L.R., Gulletta M, Caligaris S, Matteelli A, Castelli F. <i>Imported Schistosomiasis in Migrants: Two Years of Experience in a Teaching hospital in Brescia, Northern Italy</i>. International Conference on Migration Health, Rome, 1-3 October 2018, PO04.16</p> <p>11. Marchese V, Grigis S, Polesini I, Rossi B, Pezzoli C, Bonera G, Castelli F, Matteelli A. <i>Barriers for the Completion of Latent Tuberculosis Infection Screening in Asylum Seekers, Northern Italy</i>. International Conference on Migration Health, Rome, 1-3 October 2018, PO10.02</p> <p>12. Barnett E.D., McCarthy A, Coyle C, Kuhn S, Stauffer W, Walker P, Castelli F, Lopez-Velez R, Gautret P, Molina I, Hamer D.H., Mockenhaupt F, Rothe C, Greenaway C, Asgeirsson H, Gobbi F, Diaz Menendez M., Johnston V, for the GeoSentinel network. <i>Global surveillance of infectious diseases in migrants by the GeoSentinel network</i>. International Conference on Migration Health, Rome, 1-3 October 2018, OR5.02</p>
--	--

e) Cooperation with UNESCO Headquarters, Field Offices

The Brescia UNESCO Chair had contacts with the Division of Science Policy and Capacity-Building, and with the Section of Higher Education at UNESCO Headquarters in Paris

f) Other

(any other activity to report)

- The *Laurea honoris causa* in Green economy and sustainability has been granted by the University of Brescia, under the auspices of the UNESCO Chair, to Prof. Jeffrey Sachs, UN Secretary counsellor and inspiring leader of the UN 2030 Agenda on sustainability
- The Chair, together with the UNESCO Chair on *Education for human development and solidarity among peoples* (Catholic University) and the UNESCO Chair on *Human rights and ethics of international co-operation* (University of Bergamo) has worked to plan joint activities with the UNESCO affiliated schools operating in the Provinces of Brescia, Bergamo, Cremona and Mantova. The first meeting took place on November 6th, 2018, with the aim to plan an education cycle of workshops with the schools' teachers with ultimate goal of creating awareness on three key topics
 - Migration (keywords: determinants of migration, impact on the origin and receiving countries, integration in host societies with particular reference to Europe and Italy)
 - Sustainable Development Goals (keywords: UN 2030 Agenda, sustainability, economy, environment and equity, individual contribution to sustainability)
 - Re-thinking education (keyword: analysis of the UNESCO document, recently translated into Italian by one of the promoting UNESCO Chairs)

It is our goal to stimulate projects to be presented in a later event by students themselves. Besides the document "Re-thinking education", the recent publication "Migration and intercultural challenge" (*Migrazioni e sfide interculturali*), recently published (2017) with the concept contribution of the Brescia UNESCO Chair, will also be adopted.

3. FUTURE PLANS AND DEVELOPMENT PROSPECTS

Outline of action 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 word)

During the first 6 years of activity, the UNESCO Chair has pursued in particular training and advocacy objectives in Italy. These activities have contributed to a higher visibility of UNESCO in our area and the global challenges to reach the Sustainable Development Goals. We intend to continue with these activities and in particular:

- to continue the undergraduate training in Tropical Medicine and Global Health;
- to continue the post-graduate training in Tropical Medicine and Global Health (Core Course of the TropEd Master in International Health);
- to continue the scholarship program to allow young physicians from resource-poor countries to attend the Core-course of the TropEd master in international health in Brescia;
- To continue the fellowship program for Medical students of the University of Brescia at Makerere University, Kampala, Uganda
- to continue organizing the Course on International Cooperation, together with UNESCO Chairs on "Human rights and ethics of international cooperation" (Bergamo) and on *Education for human development and solidarity among peoples* (Catholic University), funded by the Tovini and Museke Foundations (Brescia) and the Associazione V. Chizzolini (Bergamo).
- to finish the cycle of workshops dedicated to the Sustainable Development Goals. In particular, the workshops dedicated to SDG n. 14, 15, 16 and 17 are already planned and will be completed by May 2019

Furthermore, we would like to extend our training and scientific activities by:

- finalizing and completing the training program on (i) migration, (ii) sustainable development goals and (iii) UNESCO document "rethinking education to the benefit of the teachers of the UNESCO Schools operating in the Provinces of Brescia, Bergamo, Mantova and Cremona, together with UNESCO Chairs on "Human rights and ethics of international cooperation" (Bergamo) and on *Education for human development and solidarity among peoples* (Catholic University);
- Further implementing the research on malaria and gender in Africa, in collaboration with the University of Kumasi and HopeXchange Medical Center in Kumasi, Ghana
- Although the medical training program at the Universidade Pedagogica of Maputo has been halted

for organizational reasons by the Universidade Pedagogica itself, discussion is underway to provide support to the Nursing School of the same University

- starting collaborative teaching activities with the Catholic University in Addis Abeba (Ethiopia)

- strengthening collaborations with the UNESCO chairs in Lubljiana (Slovenia) and Tessaloniki (Greece) with the final aim to organize a summer school on “water related disasters”

Appendix:

1) Human resources
<p>The following staff of the University of Brescia have contributed to the UNESCO Chair achievements:</p> <p>1) at the School of Medicine</p> <ul style="list-style-type: none"> - prof. Francesco Castelli, professor of infectious diseases, Chairholder, University of Brescia - prof. Alberto Matteelli, associate professor of infectious diseases and director, WHO collaborating Centre on “TB/HIV joint activities and TB elimination strategies”, University of Brescia - dr Silvio Caligaris, head, unit for tropical diseases, Spedali Civili general hospital, Brescia - dr Lina R. Tomasoni, unit for tropical diseases, Spedali Civili general hospital, Brescia - dr Virginia Quaresima, PhD doctorate students in methodologies and appropriate techniques for international cooperation for development <p>2) at the School of Engineering</p> <ul style="list-style-type: none"> - prof. Sabrina Sorlini, associate professor of health engineering, university of Brescia - Prof. Roberto Ranzi, professor of hydraulics and Rector’s Delegate for International Affairs <p>It is our intention to formally establish an international Chair Scientific Committee in 2019, to gain input from many international experts and institutions</p>

2) Financial resources			
Please tick sources of financial contribution and specify the amount in US dollars	[AMOUNT (\$)]	[TICK]	
NOTE: pertinent to 2018 only	HOST INSTITUTION	<input type="checkbox"/>	in kind
	PARTNER INSTITUTION	<input type="checkbox"/>	
	GOVERNMENT BODY	<input type="checkbox"/>	
	OTHER PUBLIC INSTITUTION/BODY (including research councils)	<input type="checkbox"/>	
	UNESCO	<input type="checkbox"/>	
	OTHER UN AGENCIES	<input type="checkbox"/>	
	IGO	<input type="checkbox"/>	
	NGO	<input type="checkbox"/>	
	INDUSTRY	<input type="checkbox"/>	
	OTHER PRIVATE	<input checked="" type="checkbox"/>	5.400 €
At the end of the year 2017, the Brescia UNESCO Chairs' fund was 54.699,72 euros			
During the year 2018, the donation received was:			
<ul style="list-style-type: none"> • Private donation – Proloco Mompiano 5.400,00 euros 			
During the year 2018, the following expenses were done:			
<ul style="list-style-type: none"> • Mission to Rome (Prof. F. Castelli): 539,46 euros • Mission to Ghana (Prof. F. Castelli): 1.133,78 euros • Mission to Ghana (Dr V. Quaresima): 2.683,22 euros • Mission to Florence (Dr V. Quaresima): 65,10 euros • Mission to Florence (Dr A. Comelli): 37,30 euros 			
Totaling: 4.458,86 euros			
At the end of 2018, the balance is then 55.640,86 euros			