

C. Barattieri di San Pietro

October 2021

EDUCATION

- 2016/2019 **University of Milano-Bicocca, Italy**
Ph.D. in Psychology, Linguistics and Cognitive Neuroscience
Thesis: *Semantic and syntactic modifications in schizophrenia spectrum disorders*
Supervisors: Prof. M. Marelli, Prof. C. Luzzatti
- 2004/2006 **University of Siena, Italy**
BA in Linguistics
Thesis: *The Hypothetical Structure in the Italian Sign Language*
Supervisor: Prof. L. Rizzi, Co-supervisor: Prof. C. Cecchetto
Evaluation: 110/110 cum laude
- 2000/2004 **University of Verona, Italy**
MA in Linguistics and Didactics of Foreign Languages (English, Russian)
Thesis: *Linguistic variation while living abroad*
Supervisor: Prof. C. Bettoni
Evaluation: 110/110

ACADEMIC POSITIONS

- 2021-ongoing **Adjunct Professor**, Department of Clinical and Experimental Sciences, University of Brescia.
- 2020-ongoing **Adjunct Professor**, Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona.
- 2020/2021 **Post-doctoral fellow**, Department of Psychology, University of Milano-Bicocca. Supervisor: Prof. M. Marelli.
- 2014/2019 **Research Assistant**, Epidemiology and Evaluation Psychiatry Unit. IRCCS Fatebenefratelli, Brescia.
- 2008/2012 **Research Assistant**, Neurology and Telemedicine Unit, IRCCS Fatebenefratelli, Brescia.

TEACHING/SUPERVISING EXPERIENCE

- 2021/2022 **University of Verona**
"Scientific English" for BA in Speech and Language Therapy BA in Biomedical Laboratory Techniques, BA in Orthopaedics Techniques, MA in Rehabilitation Science in Healthcare Professions
- 2021/2022 **University of Brescia**
"Advanced Scientific English", BA in Nursing and midwifery sciences, BA in Imaging and radiotherapy techniques, BA in Professional education
"Academic and Scientific English", BA in Nursing and midwifery sciences
"Academic, Scientific English and Public Speaking", MA in Nursing and midwifery sciences
- 2020/2021 **University of Verona**
"Linguistics in multicultural (clinical) settings", MA in Rehabilitation Science in Healthcare Professions

2019 **University of Milano-Bicocca**
Thesis co-supervisor. MA and BA in Psychology.

OTHER PROFESSIONAL EXPERIENCE

2016, 2020-ongoing **Project Manager and Researcher**, Ab.Acus srl, Milan, Italy
Contribution to the development of SPEAKapp - an application for mobile devices to collect and analyse verbal outputs to neuropsychological tests for the remote assessment and monitoring of patients based on automatic speech recognition, neural networks, and spectral analysis. Pilot testing. Draft and submission of EU grant proposals.

2012/2014 **Freelance translator and interpreter**
Freelance translator and reviewer for scientific and medical publishers (Le Scienze, L'Espresso Editoriale). Sworn interpreter for the court of Brescia.

SCHOLARSHIPS AND GRANTS

2016/2019 Ph.D. Scholarship, Waiver. University of Milano-Bicocca.
2003/2004 Erasmus Student Scholarship, University of Edinburgh, UK.
2002 Exchange Student Scholarship, University of Nottingham, UK.

RESEARCH SKILLS AND COMPETENCES

Statistics: R, SPSS
Eye-tracking: Eye-link 1000Plus ®
Stimuli: E-prime ®, Experiment Builder ®
Annotat.: SignStream ®, CHAT/CLAN, NLTK, word2vec, genism, Glove
Program.: R, Python (basic), MATLAB (basic)
OS: Linux, Windows, Mac
Online survey: Qualtrics

LANGUAGES

Italian Native
English Fluent
Russian Advanced

GRANT WRITING EXPERIENCE AND PARTICIPATION TO RESEARCH PROJECTS

2021-ongoing **European Union - H2020**
Title: Remote speech assessment for therapy follow up and morbidity monitoring
Role: Open caller representative, responsible for evaluations, authored grant proposal

2017/2019 **European Union - DG Santé**
Title: EU-VIORMED - The European Study on Violence Risk and Mental Disorders
Role: Project manager, co-authored grant proposal, including significant contributions to specific aims and methodology.

2016/2017 **European Union - IMI Innovative Medicines Initiative 2**
Title: RADAR-CNS - Remote assessment of disease and relapse in central nervous system disorders
Role: Member of consortium, contributed to clinical protocol (speech assessment), meta-analysis, focus group on depression.

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- 2014/2015 **European Union – DG Santé**
 Title: STRAMEHS - From continuity of psychopathology to continuity of care
 Role: Project Manager
- 2010/2012 **European Union - IMI Innovative Medicines Initiative**
 Title: Pharmacog - Prediction of cognitive properties of new drug candidates for neurodegenerative diseases in early clinical development
 Role: Member of consortium, coordinated Italian sites for clinical trial
- 2009/2011 **European Union – FP7**
 Title: DECIDE - Diagnostic Enhancement of Confidence by an International Distributed Environment
 Role: Project Manager
- 2008/2011 **European Union – FP7**
 Title: neuGRID4you - A world e-infrastructure for computational neuroscientists
 Role: Co-authored grant proposal
- 2010/2012 **European Union – FP7**
 Title: OutGRID - A world e-infrastructure for computational neuroscientists
 Role: Co-authored grant proposal, including significant contributions to specific aims, methodology. Project manager, head of Networking Area team (3 people)
- 2008/2011 **European Union – FP7**
 Title: neuGRID - A grid-based e-infrastructure for data archiving/communication and computationally intensive applications in the medical sciences
 Role: Project manager

CONFERENCES & WORKSHOP - SCIENTIFIC SECRETARIAT

- 9.6.2017 Conference: "Prevention in mental health: helping children of people with severe mental disorders", Brescia (I).
- 7.4.2017 Conference: "Depression as a public health issue", Brescia (I).
- 15-17.6.2016 Kick-off meeting: "RADAR-CNS kick-off meeting", Brescia (I).
- 7.4.2016 Conference: "Severe mental disorders and risk of violence", Brescia (I).
- 10-12.2.2016 Conference: "The risk of violence in severe mental disorders: prevention, assessment, and management", Brescia (I).
- 16-18.12.2014 Conference: "European conference on Youth Mental Health", Venice (I).
 Workshop: "outGRID - High-Level Workshop on Alzheimer's and Neurodegenerative Diseases", United Nations, Geneva (CH).
- 20.2.2010
- 26.1.2010 Final event: "outGRID Project final event", January 26th, 2010, EU Parliament (B).

CONFERENCES & WORKSHOP – INVITED TALKS & POSTER SESSIONS

- 13.10.2021 Plenary session: "SPEAKapp - Remote monitoring of language production to predict cognitive functioning", ExLing 2021, 12th International Conference of Experimental Linguistics, 11 - 13 October 2021, Athens, Greece
- 4.09.2020 Poster session: "Mind your models! Distributional semantic models for the analysis of verbal fluency tasks in Schizophrenia Spectrum Disorders", AMLaP 2020, Architectures and Mechanisms for Language Processing, 3-5 September 2020, Postdam, Germany.

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- 30.01.2020 Short talk & Poster session: "What "meaning" are you talking about? Distributional semantic models applied to verbal fluency tasks in people with Schizophrenia Spectrum Disorders, European Workshop on Cognitive Neuropsychology, 26-31 January 2020, Brixen, Italy.
- 14.12.2018 Short talk & Poster session: "Syntax-Semantics Interface Phenomena in People with Schizophrenia Spectrum Disorders", III° Incontro di studi tra medici e linguisti - I sistemi instabili, 13-14 December 2018, Università degli Studi di Napoli Federico II, Italy.
- 9.03.2018 Invited lecture: "Tradurre in medicina", Corso di perfezionamento in Terminologie Specialistiche e servizi di traduzione, Università Cattolica del Sacro Cuore, Milano, Italy.
- 28.09.2010 Poster session: "GEANT at ICT2010 - The neuGRID project", ICT 2010, Brussels, Belgium.
- 28.06.2010 Plenary talk & Poster session: "Reusable Services from the neuGRID Project for Grid-Based Health Applications", the Healthgrid conference, Paris, France.
- 23.03.2010 Poster session: "The neuGRID project: a grid-based e-infrastructure for computational neuroscience", ECRI 2010, Barcelona, Spain.
- 24.09.2009 Poster session: "MICCAI-GRID, Medical Imaging on Grids, HPC and GPU-based Technologies - Interoperability Highlight on Neurosciences", MICCAI 2009, London, Imperial College, UK
- 25.11.2008 Poster session: "The neuGRID project", ICT 2008, Communication technologies at European level, Lyon, France.
- 22.09.2008 Poster session: "The neuGRID project: a computational infrastructure for data archiving/communication and computationally intensive applications in the medical sciences", EGEE 2008, Enabling Grids for E-science, Istanbul, Turkey.
- 10.03.2007 Invited parallel talk: "The hypothetical structure in the Italian Sign Language", 3rd National Italian Sign Language Conference "From Invisible to Visible", Verona, Italy