

MARCO LORENZI

Date of birth: 1983

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PROFESSIONAL EXPERIENCE

12/2016 - present. Tenured research scientist (Chargé de Recherche). [Epione Research Group](#), Université Côte d'Azur, Inria, France.

09/2018 - present. Data-Science Consultant. [My Data Models](#) startup, France.

12/2016 - present. Honorary Research Associate. UCL, UK.

09/2015 - 11/2015. Visiting Research Associate. [Imaging Genetics Center](#), USC, CA, USA.

09/2014 - 11/2016. Research Associate. [Translational Imaging Group](#), UCL, UK.

04/2014 - 07/2014. Visiting postdoctoral fellow. UCL, UK.

01/2012 - 04/2014. Research Engineer. [Asclepios Research Group](#), Inria, France.

01/2011 - 05/2012. Statistical consultant. Clinical project [Pharmacog](#), with GlaxoSmithKline.

11/2007 - 09/2009. Laboratory assistant. [IRCCS Fatebenefratelli](#), Brescia, Italy

EDUCATION

2012. PhD

Mention très honorable (highest degree)

- University of Nice, France.
- Domain: Computer Science, Signal processing, Statistics.

2007. Master's degree in Mathematics

110/110 cum laude (highest degree)

- Università degli Studi di Torino, Italy.
- Domain: Algebra, Theory of Representations.

TEACHING

Since 2019. Bayesian Learning - Data Science Master, Université Côte d'Azur (30 hours per years)

- Since 2018. Model Selection - Data Science Master, Université Côte d'Azur (30 hours per years)

HONORS

2020. Chair holder of the French *Interdisciplinary Institutes of Artificial Intelligence* (3IA).

2020. Accreditation to PhD supervision (HDR). French high-level specialization university-granted and higher education-sanctioned degree obtained post PhD needed to access the rank of *Professeur des Universités*

2019. Erbsmann Award for the work presented by Sara Garbarino under my supervision, at Information Processing in Medical Imaging International Conference (IPMI).

2018. Inria Research and Doctoral Supervision Award (PEDR)

2018. Nominated top 30% highest-ranked reviewers of the conference NeurIPS 2018.

2015. Selected UCL representative for the Global Young Scientists Summit 2016, Singapore University of Technology and Design.

2015. Second position ex-aequo for the 2015 ERCIM Cor Baayen Award (most promising European young researcher in computer science and applied mathematics).

2012-13-16. 'Travel Fellowship', Alzheimer's Association International Conference.

2011. Honorable Mention for the Erbsmann Award, at Information Processing in Medical Imaging International Conference (IPMI).

2010. Best oral presentation award at Spatio-Temporal Image Analysis MICCAI workshop

RESPONSIBILITIES

- Expert Panel member of the funding agency Flanders Research Foundation (Belgium).
- Grant proposal reviewer of funding agencies ANR (FR), EPSRC (UK), Association France Alzheimer (FR).
- Scientific Committee Member of the NeuroMod Institute of Université Côte d'Azur.
- Steering committee member of the Inria Sophia Antipolis technological platform in charge of Cluster, Grid, Cloud, and HPC technologies.

EDITORIAL AND REVIEWING DUTIES

2021. Area chair for the conference Computer Vision and Pattern Recognition (CVPR)

2021-22. Area chair for the conference Medical Image Computing and Computer Assisted Intervention (MICCAI)

2021. Editorial board member of Medical Image Analysis (Elsevier)

2020-today. Review Editor for Frontiers in Artificial Intelligence

2015-today: Member of the Board of Statisticians of the Journal of Alzheimer's Disease (IOS Press)

2014-2021: Editorial board member of Nature Scientific Report (NPG, Neurology Panel)

SOFTWARE

2020. Fed-BioMed, an open source platform for federated learning (<https://fedbiomed.gitlabpages.inria.fr/>)

2019. Multi-channel variational autoencoder (<https://gitlab.inria.fr/epione ML/mcvae>)

2013. LCC-logDemons non-linear image registration algorithm (<https://team.inria.fr/epione/en/software/lcclogdemons/>).

RESEARCH PROJECTS

ANR JCJC project Fed-BioMed
French National Research Agency
Role: PI

04/20 – 04/24
EUR 196,000

PhD funding BoostUrCareer

Marie Skłodowska-Curie European Funding Scheme

Role: PI

04/20 – 04/23

EUR 120,000

Industrial Collaboration CIFRE

Accenture Labs France

Role: PI

06/20 – 06/23

EUR 50,000

Meta-ImaGen

Université Côte d'Azur (France)

Role: PI

4/18 – 4/20

EUR 37,000

Big Data for brain research

Department of Alpes Maritimes (France)

Role: PI

2/17 – 2/20

EUR 70,000