MARCO LORENZI

Date of birth: 1983   *E-Mail address:* marco.lorenzi@riseup.net
Nationality: Italy   *Domicile: Antibes, France*
Phone: +33 6 41 66 89 66   *Webpage: team.inria.fr/epione/marco-lorenzi/*

MYSELF

I am a tenured research scientist (CR) at Université Côte d'Azur, Inria Sophia Antipolis. My research focus is in statistical learning, and in its application for the analysis of biomedical data and brain disorders.

PROFESSIONAL EXPERIENCE

12/2016 - present. ***Tenure-track research scientist (Chargé de Recherche).*** Epione Research Group, Université Côte d'Azur, Inria Sophia Antipolis, France.

09/2015 - 11/2015. ***Visiting Research Associate.*** Imaging Genetics Center, University of Southern California, USA.

09/2014 - 11/2016. ***Research Associate.*** Translational Imaging Group, University College London, UK.

01/2014 - 12/2015. ***Engineering Consultant.*** Inria Sophia Antipolis, France.

04/2014 - 07/2014. ***Visiting postdoctoral fellow.*** University College London, UK.

01/2012 - 04/2014. ***Research Engineer.*** Asclepios Research Group, Inria, France.

2011 - 2012. ***Statistical consultant.*** Clinical project Pharmacog, with GlaxoSmithKline.

2007 - 2009. ***Laboratory assistant.*** IRCCS Fatebenefratelli, Brescia, Italy.

EDUCATION

2012. **PhD** at University of Nice, France.
- Vote: Mention très honorable (highest degree).
- Field of study: Medical Imaging, Signal processing, Statistics, Computer Science.

2007. **Master's degree in Mathematics** at Università degli Studi di Torin*o, Italy.*
- Vote: 110/110 cum laude (highest degree)
- Field of study: Algebra, Theory of Representations.

LANGUAGES

English (proficient in listening, speaking, reading and writing); **French** (proficient in listening, speaking, reading and writing); **Spanish** (beginner); **Italian** (native speaker).

COMPUTER SKILLS

Programming: C/C++, Python, Matlab and R (proficient).

RELEASED SOFTWARE (COVERED BY INRIA APP)

2013: LCC-logDemons non-linear image registration algorithm (C++, ITK and vnl libraries).
2017: GP-ProgressionModel (Python, PyTorch library)

TEACHING AND SUPERVISION

- Co-Supervision of PhD students:
  INRIA (since 2017): Luigi Antelmi, Clement Abi Nader, Jaume Banus Cobo
  UCL (since 2017): Giorgos Lazaridis
- Supervision of post-doc personnel and engineers:
  INRIA: Sara Garbarino (since 04/2018), and Marco Milanesio (since 09/2017)
- I was invited as lecturer at the Mathematical Models In Biomedical Imaging Summer
  School , organized by the University of Granada, Spain, on July 2017.

EDITORIAL ACTIVITY

2014-now: Editorial board member of Nature Scientific Report (Neurology Panel).

INVITED TALKS IN INTERNATIONAL SCIENTIFIC EVENTS

A selection of invited lectures include: Martinos Center, MGH, Boston, US (2014),
Department of Computing of Imperial College London, London, UK (2014), Brain Imaging
Centre, Montreal Neurological Institute, CA (2014), Institut du Cerveau et de la Moelle
Épinière, ICM, FR (2016).

HONORS AND AWARDS

2018: Inria Research and Doctoral Supervision Award (PEDR)
2018: Nominated top 30% highest-ranked reviewer of the conference NIPS 2018.
2015: Official UCL nominee 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

GRANTS AND FUNDING

Principal Investigator of the research projects Big Data for Brain Research (2017, 37'514€),
and Meta-ImaGen (2017, 38'700€). I obtained funding (12'000GBP) and organized the 1st
International Workshop on Modeling the Progression Of Neurological Diseases, UCL, 2016.

PUBLICATIONS

Author of 13 articles published in peer-reviewed scientific journals, 1 book chapter, and more
than 20 papers presented at international conferences (Google scholar profile).