

Massimo Brignone

Fixed-term assistant professor

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Education and training

2006

PhD in Maths and Applications

Methods for the solution of non-linear and linear inverse scattering problems

University of Genoa - Genoa - IT

2003

Master degree in Maths

Level algebras and their Hilbert function - 110/110 cum laude

University of Genoa - Genoa - IT

Academic experience

2017 - ONGOING

Ricercatore a tempo determinato (rtd-a)

University of Genoa - Genoa - IT

2013 - 2017

Post-doctoral fellow

University of Genoa - Genoa - IT

2009 - 2011

Post-doctoral fellow

INDAM - Istituto Nazionale Alta Matematica 'Francesco Severi' - Genoa - IT

2008

Post-doctoral fellow

University of Verona - Verona - IT

2006 - 2008

Post-doctoral fellow

University of Genoa - Genoa - IT

Work experience

2011 - 2012

External collaborator

Hospital San Martino - Genoa - IT

Language skills

Italian **English**
Mother tongue Proficient

Teaching activity

The teaching activity of Massimo Brignone is mainly focussed to exercises of electrical circuit. Massimo Brignone provides exercises for the following courses

- Circuiti e Campi, Electrical Engineering - with Prof. Mario Nervi
- Elettrotecnica, Naval Engineering - with Prof. Paolo Molfino

Research interests

Massimo Brignone's research interests include

- lightning modeling and its effects on the electric infrastructures
- direct and indirect electromagnetic problems
- microgrid energy management systems

Editorial activity

- Reviewer for the following international journals:
 1. Energies (MDPI)
 2. Atmosphere (MDPI)
 3. Applied Science (MDPI)
 4. International Journal of Electrical Power and Energy Systems
- Member of the Editorial Board of Journal of Electrical and Computer Engineering - Circuits & Systems (<https://www.hindawi.com/journals/jece/editors/>)
- Guest Editor of the Special Issue 'Lightning effects on electric and communication infrastructures' on The Open Atmospheric Science Journal (<https://benthamopen.com/TOASCJ/special-issue/>)

Assigments abroad

Massimo Brignone took a course at University of Nis (Republic of Serbia) entitled 'Lightning effects on power systems: theory and applications with the software PSCAD-EMTDC' during the first semester of the academic year 2017-2018.

Other professional activities

In 2017 he is at the head of the start-up WiGaar S.r.L., whose main activities are related to project, control, management and optimization of electrical and thermal energy flows inside smart microgrid.

<http://www.wigaar.com>