



Alessandro Fedeli

Fixed-term assistant professor

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Education and training

2017

Ph.D. in Science and Technologies for Electronic and Telecommunication Engineering

University of Genoa - Genoa - IT

2013

M.Sc. in Electronic Engineering

110/110 with honors

University of Genoa - Genoa - IT

2011

B.Sc. in Electronic Engineering

110/110 with honors

University of Genoa - Genoa - IT

2008

Scientific High School Diploma

100/100 with honors

Scientific Lyceum 'G. Marconi' - Chiavari (Genova) - IT

Academic experience

2018 - ONGOING

Fixed-term Assistant Professor

University of Genoa - Genoa - IT

2017 - 2018

Research Fellow

University of Genoa - Genoa - IT

2014 - 2017

Ph.D. Student

University of Genoa - Genoa - IT

Language skills

English

Proficient

IELTS

Teaching activity

- Teacher of the course 'Guiding Electromagnetic Circuits & Systems' of the M.Sc. in Electronic Engineering at the University of Genoa.
- Teacher of the course 'Electromagnetic Sensing and Imaging' of the M.Sc. in Electronic Engineering at the University of Genoa.
- Teacher of the course 'Remote Sensing and Satellite Images' of the M.Sc. in Internet and Multimedia Engineering at the University of Genoa.

Postgraduate research and teaching activity

PhD committees membership

Member of the Teaching Board of the Ph.D. Course in Science and Technology for Electronic and Telecommunication Engineering.

Research interests

My research activities are mainly focused on computational methods for the solution of forward and inverse electromagnetic scattering problems, and microwave imaging. Furthermore, I am interested in biomedical applications as well as processing techniques applied to Ground Penetrating Radar (GPR) systems.

Editorial activity

- Associate Editor of the journal *Geoscientific Instrumentation, Methods and Data Systems* (ISSN 2193-0856)