



# Alessandro Fedeli

Associate 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*

2024 - ONGOING

### **Associate Professor**

University of Genoa - Genoa - IT

2018 - 2024

### **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

## ***Teaching activity***

Teacher of the following courses/modules at the University of Genoa:

- *Electromagnetic sensing and imaging*, M.Sc. in Electronic Engineering.
- *Radio-frequency and microwave circuits*, M.Sc. in Electronic Engineering.
- *Remote sensing and satellite images*, M.Sc. in Internet and Multimedia Engineering.
- *Yacht navigation support systems*, M.Sc. in Yacht Design.
- *Acoustic and electromagnetic emission of the ship*, M.Sc. in Naval Engineering.

## ***Postgraduate research and teaching activity***

### **PhD Committees**

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 nondestructive diagnostics and Ground Penetrating Radar (GPR) systems.