

Michele Ambrosanio

Summary

I have been working in the Biomedical Signal and Image Processing area since 2012. More in detail, my main research interests include coherent non-destructive imaging techniques via exploiting ultrasound as well as microwave signals for diagnostic purposes.

I was a member of COST Action TD1301 (MiMed) and COST Action TD1208, focused on the development of an European-based collaborative network to accelerate technological, clinical and commercialization progress in the area of medical microwave imaging and on civil engineering applications of ground penetrating radar.

In 2015, I was a visiting PhD at MediWiSe (Medical Wireless Sensing) company in London (UK), and at King's College, department of informatics, London (UK)

Areas of specialization

- Electromagnetic Forward and Inverse Scattering Theory and Methods;
- Biomedical Signal and Image Processing;
- Radar Imaging
- Ultrasound Imaging;
- Magnetoencephalography Signal Processing.

Education

2020-today	ASSISTANT PROFESSOR at University of Naples "Parthenope"
2016	PH.D. DEGREE in Information Engineering, University of Naples "Parthenope"
2012	MASTER'S DEGREE in Biomedical Engineering with the highest honor and distinction University of Naples "Federico II"
2009	BACHELOR'S DEGREE in Biomedical Engineering with the highest honor and distinction University of Naples "Federico II"