

Antonello Andreone
Associate Professor
Physics Department, University of Naples "Federico II"
Piazzale Tecchio 80, I-80125 Napoli, Italy

Post-doc experience: University of Berkeley, Berkeley, USA (1991-1992)
Visiting: LBL, Berkely, USA (1996)
University of Townsville, Australia (2000-2001)
Imperial College, United Kingdom (2002)
Northeastern University, USA (2005)
Boston College, USA (2012)
METU, Turkey (2014)

Activity:

Condensed Matter Physics and Material Science

Main research topics are: superconducting materials and devices, electromagnetic metamaterials, photonic crystals, microwave, mm-wave and THz spectroscopy.

Author of more than 130 papers in international peer reviewed journals and more than 50 papers in books and international conference proceedings and in national journals.

Research responsibilities:

PI of the A.S.I. Project "Development of tunable superconducting devices for space-based applications".

PI of the MIUR Projects:

"Role of disorder in the multiband superconductivity of magnesium diboride" (2004 - 2006)

"Study and fabrication of metamaterials for electronics and telecommunications applications" (2007 - 2009).

PI of the Naples Unit for the I.N.F.N. Projects "KHAMSA" (1998 - 2000), "EBLA" (2001 - 2003), "ARCO2" (2004 - 2005), "PARC" (2006 -2008), and joint projects with CERN (2016-)

Naples Coordinator of the European Network of Excellence of Superconductivity.

Naples Coordinator of the European Network "Entity" on Functional Materials.

Institutional responsibilities:

Chair of the International PhD Research Programme "Novel Technologies for Materials, Sensors, and Imaging" of the University of Naples "Federico II" (2008-2014).

Member of the Steering Board of the Physics Department (2012-2015).

Member of the Council of the Polytechnic and Basic Sciences School (2012-2015).

Other tasks:

Chairman of the VI international symposium on "High Temperature Superconductors in High Frequency Fields (HTSHFF2000)", Capri, 2000.

Chairman of the IV international symposium on "Metamaterials and Special Materials for Electromagnetic Applications and TLC (MMSM08)", Napoli, 2008.

Co-Editor of the Proceedings of the International Conference on "European Applied Superconductivity (EUCAS 2003)", Sorrento, September 2003.

Guest Editor for the Special Issue on "Metamaterials for Electromagnetic Applications", Microwave and Optical Technology Letters, 2008.

Co-Editor of the book "Selected Topics in Photonic Crystals and Metamaterials", World Scientific Publ., Singapore, 2011

Member of the International Committee of a number of conferences. Reviewer of EU projects (V e VI Framework). Referee for more than 20 International peer reviewed journals.