

Marina Putti
Curriculum vitae (May 2015)

Qualifications:

2013: Full Professor Qualification A2/B1

2005: Associate Professor at University of Genova;

1992: Researcher at University of Genova

Education:

1987-90 Ph.D. in Physics at University of Genova

1986. Graduated in Physics at University of Firenze

Professional Interests and Activities:

I have played a leading role at national and international level in the investigation of MgB_2 and the effect of impurities and substitutions on superconducting properties.

I have been actively involved with collaborative studies with colleagues at USA, Japan and Europe in working to understand the Fe-based superconductors since their discovery.

Main experience in: Thermal and transport properties of superconductors (HTS, borocarbide, MgB_2 , Fe-based superconductors). Effect of doping and irradiation in MgB_2 and Fe-based superconductors.

Teaching:

Lecturer of Basic Physics Solid State Physics, Material Physics , Superconductivity .

Supervisor of 22 degree thesis and 8 PhD thesis.

Member of the Ph.D. School of Material Science at University of Genova.

Management tasks and offices:

Principal investigator of:

PRIN2004: Two-gap superconductivity in MgB_2 : role of disorder" (2004/2006);

PRIN2006: Multiband superconductivity; MgB_2 and beyond" (2007/2009);

PRIN2008: High T_c superconductivity in Fe-based superconductors: a new challenge for research (2010/2012)

PRIN2012: USING CONTROLLED DISORDER TO INVESTIGATE THE MECHANISMS OF IRON BASED SUPERCONDUCTORS (2014/2017)

Local leader of FP6 project HIPERMAG (2006/2008).

PI of Italy-USA Significant Bilateral Project (2008-2011)

PI of the FP7 project coordinated with Japan SUPERIRON (2011-2014).

Leader of the activity on superconductivity at CNR-SPIN (2011-2014)

Organizing Conference:

Chair of the international workshop BOROMAG Genova June 2002.

Chair of Italian Conference of Superconductivity SATT13 Sestri Levante, March 2006.

Chair of the European Conference of Superconductivity EUCAS2013 15-19 September 2013.

Co-organizer of symposiums at MRS spring Meeting 2009, 2012, 2016.

Publications:

More than 200 articles published in international journals with referees. About 2800 citations, H-index 28.

More than 25 invited talk at international Conferences. Among them: Invited talk at the March Meeting 2006, Plenary lecture EUCAS 2009. Plenary lecture at ICMC-ICEC 2010, Plenary Lecture at EUCAS 2015.

Referee of international journals such as Physical Review Letters, Physical Review B, Applied Physics Letters, Nature Communication

Since 2010 member of Advisory Board of Superconductor Science and Technology

Since 2015 member of Executive Board of Superconductor Science and Technology

Since 2011 member of European Society for Applied Superconductivity (ESAS)