

CURRICULUM VITAE of Maria Fittipaldi

Personal data

Name: Maria Fittipaldi
Born: April 12, 1975 – Taranto, Italy
Citizenship: Italian
Address: Piazza Ghiberti 15, 50019 Sesto Fiorentino (FI) Italy
Phone: (0039)0554572263
(0039)3487399195
e-mail: maria.fittipaldi@unifi.it
website: <http://www.lamm.unifi.it/vp-192-maria-fittipaldi.html>

Education

2000 – 2004 *Ph.D. in Physics* Leiden University, Department of Molecular Physics, the Netherlands, Thesis title: ‘The Electronic Structure of Copper Sites in Proteins. A Pulsed and High-Field Electron Paramagnetic Resonance Study’

1993 – 1999 *Laurea (M. Sc. equivalent) in Physics* University of Pisa, Department of Physics, Italy, Thesis title: ‘High-Field and High-Frequency Electron Paramagnetic Resonance Spectroscopy’

Positions

Since 2011 Researcher, University of Florence, Department of Physics and Astronomy, Italy

2005 - 2011 Researcher, University of Florence, Italy

2005 - 2005 Post Doc, University of Antwerp, Department of Physics, Belgium

2000 - 2004 Trainee Research Assistant, Leiden University, Department of Molecular Physics, the Netherlands

1999 - 2000 Visiting Researcher, Institute of Atomic and Molecular Physics, Italian Research Council (CNR), Pisa, Italy

Teaching experience

Since 2019 University of Florence, Italy

Lecturer of the course of Laboratory of Physics 1 to undergraduate students of Physics

2015-2019 University of Florence, Italy

Lecturer of the course of Physics II to undergraduate students of Chemistry

2009 Lecturer at the Italian Electron Paramagnetic Resonance school ‘V Scuola GIRSE di EPR - Firenze 2009’

2005-2010 University of Florence, Italy. Lecturer in Physics to undergraduate students at the Faculty of Pharmacy

2001 - 2003 Leiden University, the Netherlands, Teaching assistant for the courses of Quantum Mechanics 1 and Quantum Mechanics 2 for Physics students

Supervision of undergraduate and graduate students in the field of magnetic resonance techniques, including advanced pulsed Electron Paramagnetic Resonance experiments.

Referee of international journals

Referee of the: *Nature Reviews Physics*, *Nature Communications*, *Journal of American Chemical Society*, *The Journal of Physical Chemistry*, *Journal of Magnetism and Magnetic Materials*, *Inorganica Chimica Acta*, *Journal of Molecular Physics*, *Catalysis Today*, *The Journal of Physical Chemistry Letters*, *Applied Magnetic Resonance*

Research Activity

Over the years, the scientific interests of Maria Fittipaldi are set in an interdisciplinary context that ranges from the instrumental development to biophysics, biochemistry, and condensed matter physics. Specifically, she has mainly employed multifrequency EPR spectroscopy in continuous and pulsed mode to deeply study systems of biological and physical interest, as proteins semiconductors, and nanomagnets. In more recent years, she is employing also Mössbauer spectroscopy for the characterization of magnetic materials, Fe-based systems, and proteins.

Since 2015, she is responsible of the Mössbauer and EPR laboratories at the Department of Physics and Astronomy of the University of Florence.

She is co-author of 54 publications in scientific journal (H-index 20).

orcid.org/0000-0002-6254-2003

Scopus Author ID: 6602677916

ResearcherID: H-2509-2017

She participated to more than 50 international conferences.

“Autorizzo l’ISS e l’Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679”

5/8/2021

Maria F.H. Pella