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ResearcherID: [A-4431-2012](#)

Date and Place of Birth 20th of august, 1970, Palermo (Italy)

Citizenship Italian

Career Summary

- 2010- to date **Researcher** at the Istituto Struttura della Materia belonging to the Italian **National Council of Research** (ISM-CNR), Rome (Italy).
- 2002-2009 **Researcher** at the Istituto per i Processi Chimico-Fisici belonging to the Italian **National Council of Research** (IPCF-CNR), Messina (Italy).
- 2000-2002 **Instrument scientist** at the Neutron Spin Echo spectrometer V5 (SPAN) at BENSC, **Hahn-Meitner Institut** (now **Helmholtz Zentrum Berlin**) (Berlin, Germany).
- 1998-2000 EU-TMR **Research Assistant**, Chemistry Department, **Heriot-Watt University** (Edinburgh, UK).

Education

- 1998 *Dottorato di Ricerca* (Ph.D.) in Physical Chemistry at the University of Palermo (Italy) on “*Structural characterization of phase. separating systems*”
- 1994 *Laurea* in Chemistry, University of Palermo (110/110 *cum laude*); thesis on “*Effect of temperature on water structure: a Molecular Dynamics study*”.
- 1988 Secondary school *Diploma* (60/60).

Languages

Italian (mother tongue)
English (fluent)
German (basic)

Memberships

- 2010- to date Member of the Italian Chemical Society.

Member of the Steering Committee of the Physical Chemistry Division of the Italian Chemical Society (2013-to date)

2012- to date Member of the Royal Society of Chemistry (RSC).

Bibliometric parameters (Source: ISI-WoS - 19.12.2014; **ResearcherID:** [A-4431-2012](#))

- Author of 95 ISI-WoS publications.
- H-index: 24
- Sum of the Times Cited: 2263
- # publications with >100 citations: 4
- # of Highly Cited Papers: 5 (Source: Essential Science Indicators)

Activity in the field of Large Scale Facilities.

2013- to date *Member* of the C08 Evaluation Panel for the selection of proposals at the European Synchrotron Radiation Facility (ESRF, Grenoble (FR))

2000-2002 *Instrument scientist* at the Neutron Spin Echo spectrometer V5 at the Berlin reactor of the Helmholtz Zentrum Berlin, Germany).

2010-2012 Neutron Spin Echo technologies *Working Group Coordinator* in the framework of the Italian Initiative for the development of the European Spallation Source (ESS).

1994-to date Continuous use of European and North-American LSF to get access to neutron and x-ray beamtimes, aiming to explore structural and dynamic properties in soft-condensed matter, as Principal Investigator.

Other

- Deputy Italian Member of the Management Committee of COST Action CM1206 on Ionic Liquids.
- Scientific responsible of the Ionic Liquid Laboratory (LiqIon Lab) of the Istituto Struttura della Materia.
- Coordinator of the CNR Research Modulus “Mesoscopic *Structure and Dynamics in Ionic Liquids*” (2013-to date).
- Coordinator of the CNR Research Modulus “*Non-conventional solvents for eco-sustainable processing innovation*” (2009).
- Scientific Coordinator and Administrative Responsible for the Italian FIRB “Futuro in Ricerca” Research Project “*Structure and Dynamics in Room temperature ionic liquids and their binary mixtures*” (RBF086BOQ) (2010-2013). (Budget: 300,000 €)
- Scientific and Administrative Responsible for a Research Unit in the framework of a Italian PRIN Project “*Structural and Dynamic properties of ionic liquids and their mixture, by means of diffraction and spectroscopic techniques*” (2009-WHPHRH_003) (2011-2013). (Budget: 65,000 €)

- Awarded with an Italo-Portuguese mobility scholarship to develop a common research program with Prof. L.P.N. Rebelo (Universidade Nova Lisboa) on “*Room temperature ionic liquids under negative pressure conditions: experimental and simulation studies.*” (2011-2012)
- Awarded with an Italo-French University mobility scholarship to develop a common research program with Prof. A. Padua (Clermont-Ferrand) on “*Study of structural and dynamic properties of room temperature ionic liquids*” (2009)
- Evaluation Expert for proposals submitted in the framework of the 2012 National Research Funding Competition of the Chilean Superior Council of the National Fund for Scientific and Technological Development (FONDECYT).
- Results from the activity on Ionic Liquids are reported in the CNR Highlight 2008-2009 Issue.
- Evaluation Expert for proposals submitted in the framework of the Israel Science Foundation’s FIRST Program (2010).
- Evaluation Expert for proposals submitted in the framework of the 7th FP, in Brussels (2008).
- Teaching assignment at the Vilnius University (Lithuania) in the framework of the EU-sponsored Erasmus Mobility Programme (September 2010).
- Reviewer for scientific journals: Nature, Journal of the American Chemical Society, Angewandte Chemie, Int. Ed., Chemistry of Materials, Journal of Chemical Physics, Journal of Physical Chemistry Letters, Macromolecules, Langmuir, PCCP, ChemPhysChem etc.