

Isabella Natali Sora

Curriculum vitae

Academic positions Associate Professor of Chemistry since 2014 at the Department of Engineering and Applied Sciences of the University of Bergamo.
Assistant Professor of Chemical Foundations of Technologies from 2004 to 2014 at the University of Bergamo.
Assistant Professor of Chemical Foundations of Technologies from 1995 to 2004 at the University of Brescia.
Guest Researcher for one year 1991-1992 (University of Milano, post-graduated specialization fellowship), summer 1993, summer 1998 (CNR fellow), fall 1999; Centre for Neutron Research, National Institute for Standards and Technology (NIST), Gaithersburg (MD), USA,
Research Assistant from 1991 to 1995 at the University of Brescia.
Member of the Faculty of the PhD Program in Materials Engineering at University of Brescia. 2001-2004
Member of the Faculty of the PhD Program in Engineering and Applied Sciences at University of Bergamo. From 2017.

Degrees PhD in Materials Engineering, 1996 Politecnico di Milano (8° cycle),
"Laurea" in Physics, 1990 Università di Milano

Teaching Chemistry (UG program in Building Engineering), Chemistry (UG program in Computer Engineering), Chemistry (UG program in Management Engineering),
Materials characterization techniques A (PhD program in Engineering and Applied Sciences)

Research activities Study from a fundamental as well as application-oriented view of photocatalysts for mineralization of organic pollutants in wastewater and of ceramic oxides for Solid Oxide Fuel Cells. Synthesis and structural characterization by X-ray diffraction of new materials for energy, environmental and building applications.

Publications Co-author of 104 refereed scientific publications (80 on ISI and / or SCOPUS)

Research programmes

- 2019-2021 Experienced Research Grant "*Experimental study of productive processes from biological resources - (BIOFAT)*", financed by University of Bergamo) *Supervisor of 1 Post-Doc*
- 2013-2015, Principal coordinator of the project INSTM-Regione Lombardia: "Lanthanum Ferrites for New Energy Sources". Partners: Università di Messina, Università di Roma Tor Vergata.
- 2005-2009, Local coordinator of the FISR Project: "Polymeric and Ceramic Fuel Cells: systems demonstrators and development of new materials". Partners: CNR-ITAE, INSTM, Enitcnologie S.p.A., ENEL S.p.A., Nuvera Fuel Cells Europe s.r.l., De Nora Technologie Elettrochimiche s.r.l.
- 2002-2003, Local coordinator of the project MIUR (PRIN 2002): "Surface interaction mechanisms in mineral phases: kinetics of dissolution, growth and their modelling". Partners: Università di Milano, Università di Milano-Bicocca, Politecnico di Milano, Università di Brescia, Università di Torino, Università di Trento, Università di Cagliari.
- 1999-2000, Local coordinator of the project MURST (COFIN 1999): "Study of interactions between hazardous organic liquid pollutants and cement-based materials". Partners: Università di Brescia and Politecnico di Milano.

Bergamo, May 26th, 2020