

CURRICULUM VITÆ ET STUDIORUM
ELISA MORETTI

1.1 EDUCATION

- **2002-2005 Ph.D. in Chemical Sciences** at Ca' Foscari University of Venice, Italy
2002 Professional Qualifying Examination in Chemistry
- **1997-2002 M.Sc. in Industrial Chemistry (110/110 cum Laude)** at Ca' Foscari University of Venice,
- **1995-1997 Diploma as restorer of frescoes, wall paintings and stone materials (full marks)** at the International University of Arts (UIA) of Venice, Italy

1.2 CURRENT POSITION

Since 2018 Associate Professor in Inorganic Chemistry at Ca' Foscari University of Venice

2. RESEARCH ACTIVITY

My research activity deals with inorganic materials chemistry and is focused primarily on the **design, synthesis and characterization of nanomaterials based on metals and metal oxides, with controlled size, morphology, porosity and crystalline phases, for environmental and energy-related applications.**

2.2 RESEARCH ABROAD

- **Since 2004 Invited and Visiting Researcher** at the Department of Inorganic Chemistry, Crystallography and Mineralogy, University of Málaga (Spain). (ca 20 months).
- **2012 Visiting Researcher** at the Materials Science Institute-CSIC (National Research Council/University) of Seville (Spain).
- **2010-2021** Short research periods at the European Synchrotron Radiation Facility (ESRF) of Grenoble (France) and ELETTRA Sincrotrone of Trieste (Italy).
- **2019-2020 Principal Investigator and Scientific Coordinator** of a project developed with an Italian Company for the Development of DSSC photovoltaic cells for energy production through the recovery of winemaking by-products (24 months, Funding sources: **390.4 k€**).
- **2018 Principal Investigator** of a research Project sponsored by European Social Fund (Fondo Sociale Europeo 2018 - Bando Regione Veneto): "Development of DSSC photovoltaic cells for energy production through the recovery of by-products deriving from wine processing activities" (Funding sources: **41 k€**).
- **2010-11 Local Coordinator** of an International Project sponsored by the Spanish Ministry of Education, Research and Investigation: "Nanoporous materials for the production of clean fuels" (MAT09-10481, 24 months, Funding sources: **100 k€**).
- **2014 - Scientific Committee member and Chairperson** of the International Workshop "Materials and Catalysis for clean energy", Torremolinos (Spain).
- **2005 - Local Organizing Committee member** of the 7th International Conference on Accelerator Applications - AccApp '05, San Servolo -Venice.
- **Italian Patent** "Procedimento per la realizzazione di celle fotoelettrochimiche con l'utilizzo di coloranti estratti da residui di vinificazione" (Inventors: E. Moretti, M. Meneghetti, A. Talon, E. Rodriguez-Castellon, S. Meneghetti). No: 102019000006939. **Patent sold (29.3 k€)**. May 2019.
- **Since 2012** Reviewer of national and international Projects, PhD Theses and Scientific Journals.

- **2016-2020** Guest Editor of three Special Issues for "Catalysts" and "Materials".
- **2020 Winner of an Erasmus+ ICM training Fellowship** at the Institut National de la Recherche Scientifique, INRS Centre Énergie Matériaux Télécommunications of Montreal (Canada).
- **2019 Winner of a Fellowship for “researchers of recognized prestige”** at the University of Malaga.
- **2018 National Scientific Habilitation as Full Professor of Inorganic Chemistry** (Settore Concorsuale 03/B1 – Fondamenti delle Scienze Chimiche e Sistemi Inorganici) (from 07/08/2018 to 07/08/2027).
- **2018-2019 Winner of a Fellowship for “researchers of recognized prestige”** at the University of Malaga.
- **2011 Certificate of Recognition** “Women: Innovation and Human Capital – The protagonists for the Maria Bellisario International Award - XXIII Edition” for the excellent and brilliant professionalism and expertise expended in research, innovation and development.
- **2010 Top Poster Prize Award received from the European Journal of Inorganic Chemistry and Wiley-VCH**, during the XXXVIII National Conference of Inorganic Chemistry.
- **Since 2021 Coordinator of the Bachelor’s Program in Science and Technologies for Cultural Heritage**, Ca’ Foscari University of Venice.
- **Since 2020 Vice-Coordinator of the International Doctorate Programme in Chemistry** (Inter-University Venice-Trieste).
- **2018-20 Delegate for Communication** of the Department of Molecular Sciences and Nanosystems, DSMN, Ca’ Foscari University of Venice.