

MARTINA CAMPI

Curriculum Vitae

WORK EXPERIENCE

PhD student in Physics and Nanoscience

UNIMORE (Modena, Italy)

01/11/2024 –
in corso**Research Fellow**

UNIMORE (Modena, Italy)

Study of materials for use in electrochemical devices for the conversion of electrical energy into hydrogen and vice versa, as part of the project “Ecosystem For Sustainable Transition of Emilia Romagna (ECOSISTER)”

16/02/2023 –
31/10/2024

EDUCATION

Authorization to practice as a Chemist

UNIMORE (Modena, Italy)

2022

Master's Degree in Chemical Science

UNIMORE (Modena, Italy)

2020 – 2022

Bachelor's Degree in Chemistry

UNIMORE (Modena, Italy)

2017 – 2020

High School Diploma

Liceo Scientifico Statale Wiligelmo (Modena, Italy)

2012 - 2017

PUBLICATIONS

A. Nicolini, M. Campi, V. Iacomini, et al. “Metal Hydroxide Organic Frameworks (MHOFS) for Oxygen Evolution by Intercalation of Dicarboxylate Linkers Into β -Ni(OH)₂: Impact of Host Crystallinity.” *ChemCatChem* 17,no. 19 (2025):e00931. <https://doi.org/10.1002/cctc.202500931>

Filippo Lugli, Alessandro Monari, Monica Caselli, Erika Ferrari, Davide Vanossi, Iuri Camilli, Martina Campi, Laura Pigani. “Analytical determination of cannabinoids in Cannabis Sativa L.: the key role of boric acid complexation.” *Microchemical Journal*, Volume 229, 2026,119269, ISSN 0026-265X. <https://doi.org/10.1016/j.microc.2026.119269>.

ATTENDANCE AT CONFERENCES AND SCHOOLS

XXIV Giornata della Chimica dell'Emilia Romagna (Ferrara, Italy) XXIV GdC-ER 2025	2025
XXIII Giornata della Chimica dell'Emilia Romagna (Modena, Italy) XXIII GdC-ER 2024	2024
3rd International School on Porous Materials (Como, Italy) MOF School 2023	2023

THESIS CO-SUPERVISOR FOR:

Iacopo Piumi	“Chiral Co- and Ni-based catalysts for the oxygen evolution reaction in alkaline water splitting: a combined in operando XAS and DFT simulations study”
Margherita Vecchi	“Studio e caratterizzazione di catalizzatori a base di nickel per la reazione di evoluzione di ossigeno”

RESEARCH PERIODS AT OTHER INSTITUTIONS

Beamtime at BACH beamline , ELETTRA Synchrotron (Trieste, Italy) Technique: XANES Beamline energy: 35 – 1650 eV	28/10/2024 – 03/11/2024
Beamtime at SAXS beamline , ELETTRA Synchrotron (Trieste, Italy) Technique: WAX-SAXS Beamline energy: 5.4, 8 and 16 keV	28/11/2024 – 03/12/2024
Beamtime at SAMBA beamline , SOLEIL Synchrotron (Paris, France) Technique: XANES and EXAFS Beamline energy: 4.8 – 40 keV	21/05/2025 – 26/05/2025
Beamtime at BACH beamline , ELETTRA Synchrotron (Trieste, Italy) Technique: XANES Beamline energy (35 – 1650 eV)	22/06/2025 – 28/06/2025
Periodo di ricerca all'estero del dottorato Nanomaterials Group, Department of Surface and Plasma Science, Faculty of Mathematics and Physics, Charles University (Prague, Czech Republic)	13/04/2026 – 02/08/2026

