

Curriculum di Nadia BARBERO

Current position

- since 2021 Associate Professor in Organic Chemistry, University of Torino, Italy.

Previous positions

- 2018-2021 Researcher (RTD-B), Organic Chemistry, University of Turin.
- 2016-2018 Researcher (RTD-A), Organic Chemistry, University of Turin.
- 2014-2016 Post-Doc Grant University of Turin, "Synthesis and structural characterization of chemicals for high-tech applications".
- 2013 Senior Scientist at CNRS, Laboratoire de Réactivité et Chimie des Solides, Université de Picardie Jules Verne, Amiens, France, "New inorganic semi-conductors for Near Infra-red Dye Sensitized Solar Cells".
- 2010-2011 Senior researcher at DYEPOWER Consortium, Rome, "Synthesis, purification and structural and spectroscopic characterization of organic dyes for DSC".
- 2008-2009 Post-Doc Grant University of Turin, "Use of atmospheric pressure plasma for the deposition of titania-based nanostructured materials on polymeric surfaces".

Visiting academic positions

- 2023 Visiting Scientist at University of Zaragoza in Prof Manuel Arruebo's group.
- 2023 Erasmus Teaching Mobility 2022/2023 for Teaching combined with Training at Universitatea de Vest Din Timisoara, Romania, July 2023.
- Nov. 2022 Erasmus Teaching Mobility for the winter school DATASUN, Le Grand Bornand, France
- 2012 Visiting (September 2012 - December 2012) at Université de Picardie Jules Verne, Laboratoire de Réactivité et Chimie des Solides: "New inorganic semi-conductors for Near Infra-red dye sensitized solar cells". Supervisor: Dr. Frédéric Sauvage.
- 2005 Stage (December 2005) at NIMR (The National Institute for Medical Research)

Fundings (current and past)

- 2025-2029: BioSinFin: Bioinspired Singlet Fission Photon Multipliers (Project 101185125), HEU EIC Pathfinder
- 2024-2027: SUMMED-PV: Summer Education in Photovoltaics, HEU EIT Knowledge and Innovation Communities KIC RAWMATERIALS - Education activities
- 2024-2028: JUMP INTO SPACE: Flexible Lightweight Multi-Junction Solar Cells And Modules With Enhanced Performance For Efficient Light Harvesting In Outer Space, HEU EIC Pathfinder
- 2023-2026: SPOT-IT: Stable printed perovskite/organic tandem solar cells and modules for indoor & IoT
- 2023-2027: DEMO: Discovery of efficient Enzyme-like Metal Organic frameworks to activate biomethane at low temperature, HORIZON-MSCA-DN-2022
- 2023-2025: CANVAS: "nuovi Concetti, materiali e tecnologie per l'integrazione del fotovoltaico negli edifici in uno scenario di generazione diffusa"
- 2023-2024: "Progetto Integrato Fotovoltaico ad alta efficienza", PIANO TRIENNALE DI REALIZZAZIONE 2022-2024 DELLA RICERCA DI SISTEMA ELETTRICO NAZIONALE.
- 2020-2025: ARTIBLED "Engineered Artificial Proteins for Biological Light-Emitting Diodes" - H2020-FETOPEN-2018-2020
- 2022-2029: IMPRESSIVE "Ground-Breaking Tandem of Transparent Dye Sensitized and Perovskite Solar Cells" - H2020-LC-SC3-2018-Joint-Actions

Bibliometric data, ORCID Id: 0000-0001-6421-3492

- o H-Index (in Scopus): 31
- o Total number of publications in peer-reviewed journals: 91
- o Total number of citations: >2700