

Dario Pasini

Personal information

Born in Brescia (Italy) on the 10th December 1967 (age: 56). Nationality: Italian. Languages spoken: Italian (mother tongue), English (fluent), French (good knowledge).

Education

1993-1996 **Ph.D. in Chemistry**, School of Chemistry, **University of Birmingham**, Birmingham, UK. Doctoral Advisor: **Prof. Sir J. Fraser Stoddart** (Nobel Prize in Chemistry 2016). Thesis Title: *Chiral Molecular Assemblies and Supramolecular Arrays*. Research topics: supramolecular chemistry, chirality, functional nanoscale assemblies, organic synthesis. The PhD fellowship was funded by the pharmaceutical company Glaxo Wellcome, and for the last 8 months by research funds in the availability of Prof. Stoddart.

1986-1992 **MSc (Laurea) in Chemistry** (top marks), Department of Organic Chemistry, **University of Pavia**, Pavia, Italy. Final year experimental Project (Thesis) Title: *Solvent Effect in the Retro-Diels Alder Reaction*. Supervisor: **Prof. G. Desimoni**. Research topics: physical organic chemistry, organic synthesis.

Professional Positions

2022-today **Full Professor**, Scientific Sector: CHIM/06 Organic Chemistry, Department of Chemistry, **University of Pavia**, Pavia, Italy

2015-2021 **Associate Professor**, Scientific Sector: CHIM/06 Organic Chemistry, Department of Chemistry, **University of Pavia**, Pavia, Italy

2003-2015 **Tenured Assistant Professor**, Scientific Sector: CHIM/06 Organic Chemistry, Department of Organic Chemistry and then (since 2010) Department of Chemistry, **University of Pavia**, Pavia, Italy

2000-2003 **Assistant Professor**, Scientific Sector: CHIM/06 Organic Chemistry, Department of Organic Chemistry, **University of Pavia**, Pavia, Italy

1997-1999 **Postdoctoral Fellow** in the group of **Prof. Jean J. M. Fréchet** at the **University of California, Berkeley**, Berkeley, USA. Research topics: design, synthesis and investigation of functional macromolecules for advanced microlithography; polymer synthesis and characterization, organic synthesis. The postdoctoral fellowship was funded by US research funds in the availability of Prof. Fréchet.

1992-1993 **Short postgraduate fellowship** awarded by the University of Pavia for a six months research period abroad. The PI carried out research in the group of Dr M H Abraham at **University College London**, UK. Research topic: physical organic chemistry.

Visiting professorships

2004-2005 One-year sabbatical stay as a visiting scientist in the group of **Prof. Stefan Matile**, Department of Organic Chemistry, **University of Geneva**, Geneva, Switzerland. Research topics: molecular recognition and sensing with synthetic multifunctional pores. The stay was supported by research funds in the availability of Prof. Matile.

2/2011 One month visiting professorship in the group of **Prof. Linda Shimizu**, Department of Chemistry and Biochemistry, **University of South Carolina**, Columbia, USA. The short stay was funded by the award of a Journal Travel Grant for International Authors of the Royal Society of Chemistry. Research topics: chiral macrocycles.

7-8/2019 Two months visiting professorship in the group of **Prof. Timothy M. Swager** at the **Massachusetts Institute of Technology**, Boston, USA. The short stay was funded by the award of a fellowship within the Pavia-Boston Program (2019) of the University of Pavia. Research topics: conjugated organic materials.

Main scientific current collaborators. David Amabilino (ICMAB Spain) for chiral nanostructures and OPV, Dominique Armspach (University of Strasbourg) for chiroptical receptors based on modified cyclodextrins, Luca Beverina (University of Milano Bicocca) for green approaches to organic semiconductors, Chiara Botta (CNR Milan) for photophysical characterization of conjugated materials and Aggregation Induced Emission materials, Nadia Camaioni (CNR Bologna) for OPV, Gianmarco Griffini (Milan Polytechnic) for luminescent solar concentrators, Giuseppe Mattioli (CNR Rome) for computational studies, Matteo Rapisarda

(CNR Rome) for characterization of conjugated materials for OFET, Tim Swager (MIT) for π -conjugated materials, Riccardo Po (ENI) and Gabriele Bianchi (ENI) for organic photovoltaics, Marcello Notari (ENI) for green and supramolecular polymers as viscosity modifiers, Valeria Amendola (UNIPV) for supramolecular cages and chiroptical sensors, Daniele Dondi and Ferdinando Auricchio (UNIPV) for 3D printing, Giulia Grancini (UNIPV) for HTL materials and non-fullerene acceptors in perovskites, Eliana Quartarone (UNIPV) for self-healing materials.

Bibliometric indexes (as of 11/1/2024) Publications with impact factor: **134** Other publications/proceedings: **11** Book chapters: **5** Patents: **2** Publications as corresponding author: **89** Publications as single author: **4**

ORCID: <http://orcid.org/0000-0002-8273-3798>

Total citations: **4003** (google scholar), **3493** (scopus), **3491** (web of science)

H index: **42** (google scholar), **40** (scopus), **40** (web of science)

Research Publications in brief: *Nature Mater.* (1), *Adv. Mater.* (1), *JACS* (3), *Adv. Optical Mater.* (1), *ACS Appl. Mater. Interfaces* (2), *Chem. Mater.* (2), *J. Mater. Chem. C* (3), *Chem. Commun.* (4), *Org. Lett.* (3), etc.

Awards 1) *Recipient of a 2020 Gutenberg Chair, University of Strasbourg (France)*; 2) *Recipient of the Fondo di Finanziamento Attività Base di Ricerca (FFABR MIUR 2018)*; 3) *Fellow of the Royal Society of Chemistry (2017-)*; 4) *Journals Grant for International Authors of the Royal Society of Chemistry (2011)*

Research grants received by the PI as Principal Investigator. The overall total funding received by the PI amounts to over 1,5 Meuro.

Invited seminars/scientific presentations at congresses. 37 invited talks at national and international meetings, and at US and European institutions, amongst which: 1 keynote lecture (*Supramol 2015*, XII National Congress of Supramolecular Chemistry), and invited talks to Namur (Belgium), Eindhoven (Holland), South Carolina (USA), Miami (USA), Geneva (Switzerland), Jerusalem (Israel).

Service to the community. Refereeing activity.-For scientific journals (ca. 60 papers per year).-For scientific agencies (selected):- MUR: member of the 03/C1 panel for the National Habilitation Qualification Committee (2023-2025)- ANVUR, Italy (VQR 2004-2010, VQR 2011-2014; PON Dottorati Innovativi 2018; Accreditamento Iniziale AVA 2019 and 2020, Accreditamento Periodico AVA 2022)- MIUR, Italy (FIRB Futuro in Ricerca 2010 e Preselezione 2012; PRIN 2012; FARE 2016);- European Research Agency (European Commission). During the HORIZON 2020 framework: HORIZON-WIDERA-2022-TALENTS-01 – ERA Chairs; Marie Curie PF actions (IF 2014-2023); Independent Observer Progress Evaluation Project RISE (2017); Progress Evaluator Project FET-Open (2020). During the FP7 framework: Marie Curie actions (IOF, IIF, IEF) 2013

Service to the University/Department. Member of the “Collegio Docenti” of the PhD School of Chemical and Pharmaceutical Sciences and Industrial Innovation of the University of Pavia (2016-present). Delegate in the working group (4 professors) for the preparation of the proposal for the Departments of Excellence (MIUR call 2017)

Supervision of research collaborators. Supervision of MSc students (40), postgraduate students (14), PhD students (11), postdocs (6), visiting PhD students (1) and visiting professors (2). The list, relevant funding informations, thesis titles can be found in section 9.

Teaching activity. The PI has taught (2002-present) several courses at the BSc and MSc level: Organic Chemistry, Macromolecular Chemistry and Industrial Organic Chemistry for Chemistry, Engineering, and Biotechnology degrees.