CURRICULUM VITAE
SCIENTIFIC AND TEACHING ACTIVITY

PROF. DARIO PASINI, PhD

Full Professor of Organic Chemistry - Department of Chemistry – University of Pavia

Work address

Organic, Polymeric and Supramolecular Materials Group
Department of Chemistry – University of Pavia
Via Taramelli 12 - 27100 Pavia (PV) - Italy
E-mail: dario.pasini@unipv.it
Tel. +39-0382-987835, mobile +39-320-2529007
Website: www.unipv.it/labt

Personal informations, education and professional positions

Born in Brescia (Italy) on the 10th December 1967 (age: 54). Nationality: Italian. Languages spoken Italian (fluent), 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 candidate 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.

Scientific achievements track record and proof of independent leadership

2.1 Synopsis of career development

The candidate obtained his first degree from the University of Pavia in march 1992, and spent six months (10/1992-4/1993) in the group of M. H. Abraham (University College London, UK), after the award of a six months postgraduate fellowship by the University of Pavia specifically designed for research abroad. These first two research experiences were essentially in the field of physical organic chemistry. He then moved to Birmingham, UK, for the next 3 and a half years to work in the group of Prof. Sir J. F. Stoddart, Nobel Prize in Chemistry 2016, and he obtained his PhD in Chemistry in December 1996 from the University of Birmingham (officially awarded in June 1997). During his PhD work, the candidate synthesized several interlocked molecular systems (catenanes) and artificial supramolecular receptors capable of enantioselective recognition towards pharmaceutically relevant compounds. The candidate managed, for the first time, to introduce efficiently in Stoddart's interlocked systems elements of chirality (either axial or planar chirality). During his PhD research period the candidate was involved, on the topic of supramolecular chiral systems, with a great collaboration with the group of Prof. E. W. Meijer in Eindhoven. The candidate's application for a postdoc in the group of J. M. J. Fréchet was accepted in 1996, and he spent three years of postdoctoral research at the University of California, Berkeley, USA, (1997–1999). During that period, the candidate got in touch with the world of macromolecules and developed chemistry in the area of functional polymers for nanoscale applications such as micro- and nanolithography. His research efforts were rewarded with several high-profile publications, and with an in-depth knowledge of polymer science.

The candidate joined the faculty at the former Department of the Organic Chemistry at the University of Pavia in January 2000. He received tenure at the end of 2003, and he was promoted to Associate Professor in 2015. He was awarded the Abilitazione to Full Professor in Organic Chemistry in the 2012-2013 national session (renewed in the 2016-2018 national session). He has been a visiting professor at the University of Geneva (in the group of Prof. S. Matile, one year, 2005), the University of South Carolina (Prof. L. Shimizu, one month, 2011), Massachusetts Institute of Technology (prof. T. Swager, two months, 2019).

The research activities developed in the last 20 years in Pavia, for the vast majority carried out as the principal investigator, can be summarized in three different yet intertwining sectors: ***a) chiral nanostructures for (chir)optical sensing; b) controlled polymer synthesis for functional applications; c) π-conjugated organic materials.***

a) Chiral nanostructures for (chir)optical sensing. The collaboration with the group of prof. Matile has brought to the synthesis and the development of complex chiral nanosystems, capable of orthogonal and specific sensing, through enzyme-mediated mechanisms of generation of optical signals. The candidate's group has used binaphthyl-based derivatives, which are both robust sources of chirality and chromophores, as molecular modules for the realization of nanostructures. In order to obtain suitable chiral molecular modules, innovative synthetic procedures were developed in the candidate's group. The incorporation of binaphthyl-based derivatives into covalent structures has brought to very interesting and unexpected results, giving access to recognition and optical sensing of C_{60}, and of the use of CD (Circular Dichroism) spectroscopy for the monitoring of the conformations of macrocycles. The evolution of such systems into chiroptical sensing has its roots in the recognition and CD sensing of a metal cation, continued in a collaborative effort with the enantioselective recognition of chiral dicarboxylates and evolved into more sophisticated systems of truly chiroptical sensing; in these publications, using the characteristic CD signature of the enantiopure binaphthyl chromophore, it has been highlighted how the CD signalling of the analyte can be orthogonal with respect to other spectroscopic techniques. Such key concept was the basis of the proposal for a recent award received by the candidate (Gutenberg Chair). The synthesis of covalent cyclic structures was also directed to the 3D supramolecular assembly of chiral nanotubes and supramolecular polymers. The overall scientific activity on chiral systems was recognized internationally with the invitation for the candidate to write two very prestigious reviews on different aspects of emerging chiral materials.

b) Controlled polymer synthesis for functional applications. The candidate's group developed cyclopolymerizations for the synthesis of functional macromolecules, controlling the three-dimensional macromolecular structure and

regulating the sequence of monomers. The efficient cyclopolymerization of styrene-like difunctional monomers has been thoroughly investigated by the candidate's group, also in combination with modern techniques for controlled/living free radical polymerization, to give large aromatic cyclic structures included in the polymeric backbone. The work on cyclopolymerization has brought the candidate to publish a prestigious, recent review. Efforts have been directed also in other areas, such as the synthesis of macromolecular scaffolds for solution phase synthesis, for which styrene-type polymeric materials have been developed to be used in combination with enzymatic catalysis. More recently, through a collaborative effort, a facile synthetic protocol has been developed for the functionalization of three-dimensional polymeric scaffolds (hydrogels) through "click chemistry" reactions.
c) π-Conjugated organic materials. An innovative series of "push-pull" conjugated organic chromophores has been synthesized and studied, with electron-withdrawing units capable of being further polarized by means of supramolecular complexation, with extremely interesting properties from the point of view of the emissive properties in the solid state (AIE properties) and electro-optics in solution, and for the multiple detection sensing of lanthanides. The innovative synthesis of cyclopandienes, which can be monomeric precursors to conjugated polymers through controlled ROMP processes, has brought the candidate's group into the area of organic photovoltaics, and it was the key for attracting the interest of a big national company (ENI), with which a great collaboration has been developed since 2013. In this area, a view to the sustainability and scalability of the synthesis of semiconductor polymers is necessary for an effective technology transfer in the new generation photovoltaic field. Innovative monomers have been developed by rapid annulation procedures through the combination of direct arylations/aldol conensations. The results generated an international patent. This area of research has recently found substantial support in the form of a PRIN grant, and it is still strongly developing in collaboration with ENI, with exciting results (not yet published) in terms of OPV cells effciencies from the sustainable and scalable monomers and polymers developed in the candidate's group in Pavia.

Main scientific current collaborators. Luca Beverina (University of Milano Bicocca) for green approaches to organic semiconductors, 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, Chiara Botta (CNR Milan) for photophysical characterization of conjugated materials and Aggregation Induced Emission materials, Giuseppe Mattioli (CNR Rome) for computational studies, Luigi Mariucci (CNR Rome) for characterization of conjugated materials for OFET, Giulia Grancini (UNIPV) for HTL materials and non-fullerene acceptors in perovskites, Daniele Dondi and Ferdinando Auricchio (UNIPV) for 3D printing, David Amabilino (University of Nottingham) for chiral nanostructures and OPV, Dominique Armspach (University of Strasbourg) for chiroptical receptors based on modified cyclodextrins, Gianmarco Griffini (Milan Polytechnic) for luminescent solar concentrators, Chuanlai Xu (Jangnan University) for chiral nanostructures for sensing, Nadia Camaioni (CNR Bologna) for OPV, Eliana Quartarone (UNIPV) for self-healing materials, Valeria Amendola (UINPV) for supramolecular cages and chiroptical sensors.

2.2 Bibliometric indexes (as of 1/1/2022)

Total publications: **133**
Publications with impact factor: **116**
Other publications/proceedings: **11**
Book chapters: **5**
Patent: **1**

Publications as corresponding author: **75**
Publications as single author: **4**
Reviews: **15**

ORCID: http://orcid.org/0000-0002-8273-3798
ResearcherID: H-5628-2011
Google Scholar: https://scholar.google.it/citations?user=Suxj-fkAAAAJ&hl=it

Total citations: **3150** (google scholar), **2775** (scopus), **2781** (web of science)
H index: **39** (google scholar), **37** (scopus), **36** (web of science)
i-10 index: **79** (google scholar)

Since 2017 (google scholar)
Citazioni totali: **1340**
H index: **22**
i10-index: **42**

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

Awards

Awards and prizes given to the candidate

*1) Recipient of a 2020 Gutenberg Chair, University of Strasbourg (France)(*link*)*

Gutenberg Chairs are organized by the local authorities of the French "Alsace" region on the suggestion of the Cercle Gutenberg upon external reviewing. The duration of the Chair can be up to two years and its recipients receive the following: a) The Gutenberg Prize, worth 10.000 Euro, given personally, to facilitate the Chair recipient to settle in Strasbourg when needed; and b) specific financial help of 50.000 Euro attributed to the host institution and reserved entirely for the execution of their research project. The candidate will develop a research project entitled: "*Development of Chiroptical Sensors Derived from Cyclodextrins for the Analysis of Hydrophobic and Amphiphilic Organic Pollutants in Water*" in collaboration with Professor Dominique Armspach of the University of Strasbourg. The prize was highlighted by the University of Pavia news website (link) and by the National Interuniversity Consortium of Materials Science and Technology (INSTM) (newsletter no.1/2020)

2*) Recipient of the Fondo di Finanziamento Attività Base di Ricerca (FFABR MIUR 2018)*

The unrestricted research grant (3.000 Euro) was awarded to the top 25% associate professors in each scientific sector in Italy in 2018, after a selection procedure based exclusively on bibliometric indexes (impact factor of publications, citations, number of authors).

3) *Fellow of the Royal Society of Chemistry (2017-)*

Election to Fellow of the Royal Society of Chemistry in 2017. Eligibility for Fellow status applies to applicants who are Members of the Royal Society of Chemistry (MRSC), with a minimum of 5 years professional experience. The procedure involves nomination and peer reviewing. Candidates must have made an outstanding contribution to the advancement of the chemical sciences. See also section 13.

4) *Journals Grant for International Authors of the Royal Society of Chemistry (2011)*

The award is given by the Royal Society of Chemistry to authors of RSC publications who have been distinguished themselves as corresponding authors. The procedure involves peer reviewing. It is to allow international authors to visit other countries in order to collaborate in research, exchange research ideas and results, and to give or receive special expertise and training. The candidate spent a period of research at the University of South Carolina, USA.

Awards related to publications of the candidate

Publications highlighted

1) *Crystengcomm* **2020***, 22,* 7782-7785**,** highlighted as editor's choice in the special issue *Halogen Bonding*

1) *J. Am. Chem. Soc.* **2017**, *139*, 8788-8791 included in the 2018 *JACS Young Investigators Virtual Issue*. The candidate is corresponding author.

2) *Faraday Discuss.* **2017**, *196*, 143-161 highlighted in *Chem. Commun.* **2017**, *53*, 3158-3164. The candidate is corresponding author.

3) *Org. Biomol. Chem.* **2015**, *13*, 3593-3601. Highlighted as "Organic Biomolecular Chemistry Hot Paper 2015". Web of Science "Highly cited paper" in 2015. The candidate is corresponding author.

4) *J. Phys. Chem. C* **2015**, *119*, 19228-19235. Included in the “Elettra Highlights 2015-2016 booklet”.
5*) J. Phys. Chem. C* **2013**, *51*, 27161-27166. Highlighted by: "Noteworthy Chemistry", an electronic newsweekly by the American Chemical Society.
6) *Phys. Chem. Chem. Phys.* **2011**, *13*, 18005-18014. Highlighted by: "Noteworthy Chemistry", an electronic newsweekly by the American Chemical Society.
7) *Org. Biomol. Chem.* **2011**, *9*, 5018-5020 Highlighted as: "Top 10 downloaded article" in July 2011. The candidate is corresponding author.
8) *Nature Mat.* **2007**, *6*, 577-580. Commented by: J.J. Lavigne, *Nature Mat.* **2007**, *6*, 548-549

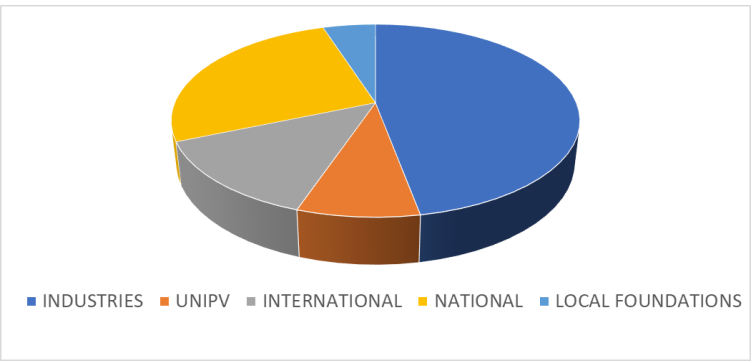
Publications featured as Covers of the journal issue

a) Adv. Mater. **2020**, 1908021 (Frontispiece). The candidate is corresponding author.
b) *Polym. Chem.* **2020**, 11, 5582-5589 (Cover). The candidate is corresponding author.
c) *Chem. Commun.* **2016**, *52*, 11492-11495 (Cover). The candidate is corresponding author.
d) *Org. Biomol. Chem.* **2011**, *9*, 5018-5020 (Cover). The candidate is corresponding author.
e) *Org. Biomol. Chem.* **2010**, *8*, 1807-1815 (Inside Cover). The candidate is corresponding author.
f) *CrystEngComm* **2008**, *10*, 1132-1136 (Inside Cover).
g) *Curr. Org. Synth.* **2007**, *4*, 59-80 (Permanent Cover from 2007 to 2014). The candidate is corresponding author.
h) *Adv. Funct. Mat.* **2006**, *16*, 169-179 (Cover).
i) *Eur. J. Org. Chem.* **2002**, 3385-3392 (Cover). The candidate is corresponding author.
l) *J. Polym. Sci. A: Polym. Chem.* **1999**, *37*, 1225-1236 (Cover).

2.4 Research grants received by the candidate as Principal Investigator

The candidate has received funding from competitive, peer reviewed calls from international institutions, including two projects funded by the European Commission, for a total of **193 kEuro**. The candidate has been the PI of the local units of 3 PRIN projects and of 6 other national research projects, for a total of over **370 kEuro**. Alongside with competitive research grants and institutional UNIPV funding, the PI also attracted over **600 KEuro** from industrial funding. Most of the industrial funding has been given on research contracts and has allowed the creation of fellowships for young scientists. Most of the industrial grants come from a strong collaboration with ENI (over **490 kEuro** granted to the candidate), including funding for four full PhD positions (two starting October 2020). The overall total funding received by the candidate as the PI amount to over **1,43 Meuro**, considering also the direct internal support given by the University of Pavia under various forms, amounting to a total of **117 kEuro**.

INDUSTRIES	675600
UNIPV	117000
INTERNATIONAL	192500
NATIONAL	378750
LOCAL FOUNDATIONS	71350
TOTAL	1435200



2.5 Invited seminars/scientific presentations at congresses.

33 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).

Additionally, the candidate has been coauthor of ca. 50 poster presentations to scientific meetings, and the candidate has been coauthor of ca. 10 invited talks given by his research collaborators.

2.6 Membership of the Editorial Board of scientific publications

A) Nanomanufacturing (MDPI) 2020-present

a) *International Journal of Molecular Sciences (MDPI)*, 2018-present. Impact Factor of the journal: **4,56**

b) *Journal of Chemistry (Hindawi)*, 2012-present. Impact Factor of the journal: **1,79**

c) *AIMS Materials Science*, 2017- present

d) *Mediterranean Journal of Chemistry*, 2011-present

e) *The Open Condensed Matter Physics Journal (Bentham Open)*, 2008-2011

f) *Quantum Biosystems*, 2007-2011

2.7 Refereeing activity.

-For scientific journals (ca. 50 papers per year):

publications of all major publishers: Springer Nature (*Nature Chem.*), RSC (including *Chem. Commun., Nanoscale, Chem. Soc. Rev., Polym. Chem.*), Wiley (Angew. Chem. Int. Ed., Adv. Mater., *Eur. J. Org. Chem., Chem. Eur. J., Small*), ACS (*J. Am. Chem. Soc., Macromolecules, J. Org. Chem.*), Elsevier, Bentham. For a certified record of refereeing, see link

-For scientific agencies:

- ANVUR, Italy (VQR 2004-2010, VQR 2011-2014; PON Dottorati Innovativi 2018; Accreditamento Iniziale AVA 2019 and 2020)
- MIUR, Italy (FIRB Futuro in Ricerca 2010 e Preselezione 2012; PRIN 2012; FARE 2016);
- European Research Agency (European Commission). During the HORIZON 2020 framework: Marie Curie actions (IF 2014-2018); Independent Observer Progress Evaluation Project RISE (2017); Progress Evaluator Project FET-Open (2020). During the FP7 framework: Marie Curie actions (IOF, IIF, IEF) 2013
- EEA Grants (2018-2020), Romania
- other grants (Romania)
- Research Foundation Flanders (FWO) (2015-2018), Belgium
- La Caixa Foundation (2018), Spain
- Regione Campania (2018), Italy
- University of Marseille (2017), France
- KU Leuven (2015-2017), Belgium
- Portuguese Foundation for Science and Technology (2012 and 2013), Portugal
- Faculty of Arts and Sciences, American University of Beirut (2009), Lebanon

Track record of research supervision

3.1 Supervision of research collaborators.

Supervision of MSc students (34), postgraduate students (12), PhD students (4), postdocs (4), visiting PhD students (1) and visiting professors (2). The list, relevant funding informations, thesis titles can be found in section 9.

3.2 Awards to research collaborators supervised by the candidate

a) Andrea Nitti, one of the 10 finalists for the "Primo Levi" prize (2017) of the Young Chemists Section of the Italian Chemical Society, as the author of one of the best 10 publications in the Chemical Sciences

b) Peshawa Osw, Thieme Chemistry Poster Prize, poster presented at the *20th IUPAC International Symposium on Organometallic Chemistry Directed Towards Organic Synthesis*, Heidelberg, Germany, 21-25 July 2019

3.3 Fellowship awarded to group members on external funding

a) Carmine Coluccini (6 months, 2007, Sovvenzione Globale Ingenio, Regione Lombardia)

b) Stefano Colombo (6 months, 2007-2008, Fondo Sociale Europeo, Regione Lombardia)

c) Claudio Cornaggia (5 months, 2008, Fondo Sociale Europeo, Regione Lombardia)

d) Arvind Sharma (2/2009-1/2010: INDIA-MIUR fellowship)

Teaching activity

The candidate was involved in teaching at the PhD level giving a 2 hours course entitled: *Organic Photovoltaics*, within the course *New Frontiers in Photovoltaics: Materials and Technologies* organized by Giulia Grancini (2020-2021).

The candidate 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.

2002-2004	Industrial Organic Chemistry (BSc in Chemistry, 6 credits)
2006-2009	Industrial Organic Chemistry (BSc in Chemistry, 6 credits)
2011-2017	Industrial Organic Chemistry (BSc in Chemistry, 6 credits)
2010-present	Organic Chemistry (MSc in Bioengineering, 3 credits)
2012-present	Polymers for Biotechnologies (MSc in Advanced BIotechnologies, 6 credits)
2015-present	Chemistry and Technology of Polymers (MSc in Chemistry, 6 credits)

Student satisfaction index (recent data).

a) Industrial Organic Chemistry (BSc in Chemistry, 6 credits): **8,73/10** (a.a.2016-2017).

b) Organic Chemistry (MSc in Bioengineering, 3 credits): **7,70/10** (a.a.2016-2017)

c) Polymers for Biotechnologies (MSc in Advanced BIotechnologies, 6 credits): **9,50/10** (a.a.2016-2017)

d) Chemistry and Technology of Polymers (MSc in Chemistry, 6 credits) **9,18/10** (a.a.2016-2017)

More data are reported in section 12

Institutional activity and service to the department

1) Member of the "Collegio Docenti" of the PhD School of Chemical and Pharmaceutical Sciences of the University of Pavia (2013-2018).

2) Member of the "Collegio Docenti" of the PhD School of Chemical and Pharmaceutical Sciences and Industrial Innovation of the University of Pavia (2016-present).

3) Delegate in the working group (4 professors) for the preparation of the proposal for the Departments of Excellence (MIUR call 2017)

4) Coordinator of the MSc course in Industrial Biotechnologies (10/2013-12/2013)

5) Representative of the Department of Chemistry in CIRSIS (Centro Interdipartimentale di Studi e Ricerche sui Sistemi di Istruzione Superiore) of the University of Pavia (2010-present)

6) Coordinator of the SOBANE project, related to safety in working environment (2010-2013): the project consisted in a specific training for the coordinator, and in periodic meetings with representatives of all working figures within the section of Organic Chemistry of the Department

7) Member of several internal committees (including Giunta del Dipartimento, 3 years) within the former Department of Organic Chemistry (up to 2010)

8) Qualified candidate for GEV composition 2015- 2019.(Delibera ANVUR n°13523/7/2020)

Other relevant activities

Membership of national chemical societies

Member of the Royal Society of Chemistry (2000-present)

Member of the Italian Chemical Society (2005-present)

Member of the American Chemical Society (until 2016)

Participation to PhD examining committees

PhD examinations (in presence)

1) Miriam Crespo, 2/2009, Dipartimento di Chimica Inorganica ed Analitica, University of Cagliari

2) Paolo Brazzo, Department of Science and Technology of Materials, University of Milano Bicocca, 3/2018

3) Giovanni Fortunato (POLIMI), 1/2021

PhD external examiner (remotely)

1) Martina Nardi (Departnemt of Chemistry, University of Roma la Sapienza) 11/2018;

2) Alessandro Sanzone, (Department of Science and Technology of Materials, University of Milano Bicocca) 11/2018

3) Mauro Adiel Calascibetta , (Department of Science and Technology of Materials, University of Milano Bicocca) 1/2021

Organization of conferences and journal special issues

1) 23/11/2009: Organization of the one day symposium, "Le giornate di Chimica Organica 2009", Department of Organic Chemistry, University of Pavia. The theme of the symposium was: "Functional Organic Nanomaterials". The following scientists accepted my invitation to give a lecture: Prof. J. M. J. Fréchet (Unversity of California, Berkeley), Prof. Maurizio Prato (Università di Trieste); Prof. Giuseppe Resnati (Politecnico di Milano), Prof. Stefan Matile (University of Geneva)

2) Organization of several seminars within the Department of Chemistry, amongst which: David Amabilino (Nottignham), Linda Shimizu (University of North Carolina), Ken Shimizu (University of North Carolina), Kelly Velonia (University of Crete), Davide Bonifazi (University of Namur), Amitav Sanyal (Bogazici University, Instanbul)

3) Guest editor for the special issue of International Journal of Molecular Sciences (MDPI) entitled: "*Synthesis, Processing and Applications of Conjugated Oligomers and Polymers*" (link);

4) guest editor for the special issue Frontiers in Energy

Participation to renowned conferences

1) Participation to a Gordon Research Conference (*Supramolecules & Assemblies, Chemistry of*; Colby College, June 2009)

2) Participation (invited) to the Royal Society of Chemistry Faraday Discussion Aggregation Induced Emission (November 2016, Guangzhou, China)