

Prof. Sebastiano Campagna – *Curriculum Vitae*

General

Sebastiano Campagna (born, 1959) obtained his Laurea in Chemistry (*summa cum laude*) from the University of Messina in 1983. In 1985 he won the "*Lauro Chiazzese Fellowship Prize*", that allowed him to work as post-doc in the photochemistry laboratories of Prof. Vincenzo Balzani at the Department of Chemistry "G. Ciamician", University of Bologna, in the years 1985-1986. He continued to collaborate with Prof. Balzani, spending several periods in Bologna in the period 1987-1997. In 1998 he was appointed Associate Professor of Physical Chemistry at the University of Messina and in 2002 he became Full Professor of Physical Chemistry at the same University.

Professional roles and services (only most relevant activities)

- Director of the Dipartimento di Chimica Inorganica, Chimica Analitica e Chimica Fisica of the University of Messina (2007-2012);
- President of the Italian Group of Photochemistry (GIF) and of the Gruppo Interdisciplinare di Fotochimica della Società Chimica Italiana (GIDF-SCI), 2006-2012.
- Director of the PhD School in Chemical Sciences, University of Messina (2013-2018)
- President of the Centro di Ricerca Interuniversitario per la Conversione Chimica dell'Energia Solare (SOLAR-CHEM, 2014-present).
- Member of the International Scientific Committee of the IUPAC International Symposium on Photochemistry, Kyoto, Japan, 2005.
- Member of the International Scientific Committee of the International Symposium on Photochemistry and Photophysics of Coordination Compounds (ISPPCC) (1999-2013).
- President of the International Scientific Committee of the International Symposium on Photochemistry and Photophysics of Coordination Compounds (ISPPCC) (2013-present).
- Visiting Professor at the Université de Strasbourg (2009).
- Director of the Dipartimento di Scienze Chimiche, Biologiche, Farmaceutiche ed Ambientali of the University of Messina (2018-2021).

Coordination of National and International Research Projects

- Coordinator of the European Research project (IV Framework) EU-TMR "*From Molecules to Materials: a Concerted Approach to Nanometer-sized Oligometallic Complexes with Predetermined Configurations and Functions*" (ERBFMRX-CT98-0226), 1998-2003. The project involved 7 European groups from five European Countries, plus one Canadian team, added for the last three years.
- Member of the Management Committee of the COST action 35, "*From Molecules to Molecular Devices: Control of Electronic, Photonic, Magnetic and Spintronic Behaviour*" (2006-2012).
- Coordinator of the Collaborative project *Antennae* between Italy and the French-speaking Community of Belgium (1998-1999).
- Coordinator of the collaborative project *Photochemistry* between Italy and Russia (1999-2000).
- Coordinator of the FIRB-Accordi di Programma 2011 "*Nano-Solar: Photocatalytic Nanosystems for Artificial Photosynthesis and Hydrogen Production by Solar-Driven Water Splitting*", involving eight research units (2012-2016), total funding over € 4,000,000.
- Coordinator of the Progetto di Grande Rilevanza "*A Supramolecular Approach to Artificial Photosynthesis*", Collaboration Italy – Japan, funded by the Ministero degli Affari Esteri e per la Cooperazione Internazionale (MAECI), 2017-2019.

- Coordinator of the Progetto “*Artificial Photosynthesis*”, Collaboration Italy-Japan, 2021-2023.

Moreover, Prof. Campagna has also been the scientist-in-charge for the research unit of the University of Messina in:

- Four PRIN projects, spanning the range 1999-2015.
- COST Action 11 (*Supramolecular Chemistry*)
- COST Action 14 (*Functional Molecular Materials*)
- COST Action 35 (*From Molecules to Molecular Devices: Control of Electronic, Photonic, Magnetic and Spintronic Behaviour*).
- COST Action "PERSPECT H2O", 2013-2017.

Activity as Chairman of International Scientific Conferences

- Chairman of the 13th International Symposium on Photochemistry and Photophysics of Coordination Compounds (13th ISPPCC), Lipari, Italy, 1999.
- Chairman of the 2nd Mediterranean Meeting on Photochemistry, Giardini-Naxos, Italy, 2003.
- Chairman of the Faraday Discussion on Supramolecular Photochemistry, RSC, Cambridge, UK, 2015.

Other activities for organization of conferences and research programs, and miscellanea

Prof. Campagna has also been chairman in more than five national scientific conferences, in other four international conferences (including final COST and TMR-EU conferences), and member of the Scientific Committee in more than 10 National or International Conferences.

He was also an invited expert (only two Italian scientists invited) from the US Department of Energy (DOE) at the Workshop for Basic Research Needs for Solar Energy Utilization, Bethesda, Maryland, USA, 2005, to write the guidelines for the field, and successively invited to evaluate the corresponding US-DOE proposals, Bethesda, Maryland, USA 2007.

Prof. Campagna has been invited to play the role of member of the Jury for about 10 PhD theses in various Countries (e.g., France, UK, Sweden, Belgium, Hong Kong) and is a reviewer for most of the best known scientific journals (e.g., Science, Nature, Angew. Chem. Int. Ed., J. Am. Chem. Soc., Chem. Soc. Rev., J. Phys. Chem. Lett., Chem. Sci.), as well as for several national or European research funding agencies. He also played the role of President of the Commission for the Abilitazione Scientifica Nazionale (ASN), A3/02 (2016-2018) and of examiner for academic and research positions at various Institutes, including Brookhaven National Laboratories (Upton, NY, USA), Trinity College Dublin (Ireland), The University of Hong Kong (China), University of Perth (Australia), University of Texas at Arlington (USA).

Activity as Editor

- Guest co-Editor of the issue 208 of *Coordination Chemistry Reviews* (2000).
- Guest co-Editor of the issue 280 of *Topics in Current Chemistry* (2007).
- Guest co-Editor of the issue 281 of *Topics in Current Chemistry* (2007).

Guest Co-Editor of the themed issue on Artificial Photosynthesis of *Chemical Society Reviews* (2017).

Co-Editor of the book *Designing Dendrimers*, John Wiley and Sons, Hoboken, NJ, USA, 2012.

- Associate Editor of the International Journal of Photoenergy (2009-2011);
- Member of the Editorial Board of Chemical Physics Letters, Elsevier 2013-present;
- Member of the Editorial Board of the Journal of Photochemistry and Photobiology, A: Chemistry, Elsevier, 2014-present.

Research fields

Prof. Campagna's research activity includes: the design and the study of photophysical properties and redox behavior of multicomponent, supramolecular species; artificial light-harvesting antenna systems; luminescent and redox-active dendrimers; photoinduced electron and energy transfer processes in supramolecular arrays; excited-state properties of transition metal complexes; photo-active molecular sensors and logic gates; artificial photosynthesis. Recently, he has particularly contributed to the design and investigation of the photophysical and redox properties of metal-based multinuclear compounds (including topologically-controlled species like dendrimers, dendrons, molecular racks and grids), and for the definition of superexchange-assisted photoinduced electron and energy transfer in multichromophoric species.

Special Prizes and bibliometric data

- *Raffaello Nasini Prize* from the Società Chimica Italiana in 1995, for work on the photophysical and redox properties of multi-nuclear metal complexes.
- *Lauro Chiazese post-laureate fellowship*, 1987.

Prof. Campagna published about 260 referenced papers in well-reputed international scientific journals, and is co-editor of five books or thematic issues. He delivered more than 80 invited lectures (including plenaries) at international conferences and at research centers and institutes. His articles have received more than 22000 citations (h-index is 69, according to Google Scholar, data at december 2020).

Messina, 22 june 2021



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