

- Laureates)
- 2017-2021 Member of the Scientific Advisory Board of the Nanoscience and Nanotechnology Department Chalmers University of Technology, Sweden
- 2018- 2022 Member of the International Advisory Board of Tianjin University, Health Science Platform (Tianjin, China)
- 2018- 2022 Member of the Scientific Advisory Board of the Adolphe Merkle Institute (Fribourg, Switzerland)
- 2019-2022 Member of the Scientific Council of CNR section Chemical Sciences and Materials Technology
- 2019- Member of the Centre for Endoscopic Research Therapeutics and Training – CERTT, Roma, Italy
- 2019 Melville distinguished lecturer, University of Cambridge, UK
- 2019 Honorary Professor (Peyiang Professor) Tianjin University, China
- 2019 The Izatt–Christensen Award in Macrocyclic and Supramolecular Chemistry
- 2019 Medal from the University of Messina
- 2019 She is one of the 39 selected women chemists, from all times, at the Science Museum of Valencia (Ciutat de les Arts y de les Ciències), Spain.
- 2019 Elected member of the Istituto Lombardo Accademia di Scienze e Lettere, Italy
- 2019 Prize Anassilaos Arte Cultura Economia e Scienze
- 2020 Proteomass Scientific Society Award
- 2020 President of the 8th EuChemS Chemistry Congress, Lisbon, Portugal

Supervision of Graduate students and post-doctoral fellows

- 2012 – today 34 Post-docs/19 PhDs/36 Master Students at ISIS UMR 7006, Université de Strasbourg, France and 8 post-docs in KIT, Karlsruhe, Germany
- 2004 – 2012 27 Postdocs/ 14 PhD/ more than 20 Master Students Nanoelectronics and Nanophotonics Laboratory, University of Münster, Germany
- 1998 – 2004 12 Postdocs/ 12 PhD/ about 10 Master Students University of Amsterdam.
- 1996 – 1998 co-supervision of 2 PhD and 2 post-docs University of Bologna.

Organization of international meetings

- 1999 - 1st BINPHOS (Belgium, Italy, The Netherlands Photochemistry Symposium), Noordwijk,
- 2002- ESF Meeting, “Supramolecular Chemistry: Molecular rods, wires and switches”(Spain)
- 2003 - EPA Summer School on Photochemistry (The Netherlands).
- 2008, 2009, 2011 - CeNTech Day.
- 2011- International Conference on the Photochemistry and Photophysics of Coordination Compounds, 19th ISPPCC, Strasbourg.
- 2013 - President of the 48th Bürgenstock Conference, Brunnen, Switzerland.
- 2015 - 10th International Symposium on Macrocyclic and Supramolecular Chemistry, ISMSC-10 Strasbourg.
- 2015 - 13th European Conference on Molecular Electronics, ECME, Strasbourg, France.
- 2016 - 6th EuCheMS Chemistry Conference, organizer of the Theme E, Materials, Devices and Nanochemistry, Sevilla, Spain, September 2016.
- 2018 - Minisymposium: Chemistry meets Medicine, Strasbourg
- 2020 - President of the 8th EuChemS Chemistry Conference, Lisbon August 2020.

Institutional Responsibilities

- 1989-1993 Secretary of the Italian Group of Photochemistry (GIF).
- 2005- Member of the International Graduate School in Chemistry of Muenster.
- 2006-2012 Vice director of CeNTech, Muenster, Germany
- 2010 Co-founder of the Center for Soft Nanoscience (*SoN*), Muenster, Germany
- 2012- Member of the IDEX, and of the international graduate school, Strasbourg.

Some other selected activities

- 1989-1993 Secretary of the Italian Group of Photochemistry (GIF).

- 1991 Member of the Organizing Committee of the II NATO Science Forum on Supramolecular Chemistry (Taormina December 15-18).
- 1992 Co-editor of the book "Supramolecular Chemistry", NATO ASI series, Kluwer, Dordrecht.
- 1999 Capita Selecta lectures, University of Leuven, Belgium (1999).
- 1999-2003 Coordinator of the Eu-COST D11 project: "Photo-, redox- and pH responsive nano-sized dendrimers".
- 2000 Member of the Scientific Committee of the IUPAC on Photochemistry, Dresden, Germany September 2000.
- 2002-2006 Member of the Editorial board of Chemical Society Reviews.
- 2002 Member of the Organizing Committee of the QUANTASOL, Austria March 2002.
- 2002 Organizer of the ESF meeting "Supramolecular Chemistry: Molecular rods, wires and switches" (Spain September 2002).
- 2002-2005 Coordinator of the EC project (IST-2001-35503) Light Induced Molecular Motion: Photo-gated devices.
- 2002-2006 Coordinator of the Marie Curie Training Site (MolPhotonics, HPMT-CT-2001-00311).
- 2001- today Participant of several EC projects, see list.
- 2005- Member of the International Graduate School in Chemistry of Muenster.
- 2007 Member of the International Committee of the 8th Material Chemistry Conference, MC8, London, 2007.
- 2007-2008 President of the Evaluation Committee for the Department of Chemistry University of Padova (Italy) and member of the Evaluation Committee for the Department of Chemistry Université Louis Pasteur and of the ISIS, Strasbourg, France.
- 2009-2012 Coordinator of the European project, ERA-NET: *Interfacing Nano-objects for functional Electronic and Optofluidic Systems* (INOFE0).
- 2010 Member of the International Organizing Committee of the F-Pi-9 Symposium, Atlanta, USA, May 2010.
- 2010-2014 Member of the board of the Physical Chemistry, section photochemistry and photophysics, of the German Chemical Society (GDCh).
- 2011-2019 Member of the advisory board of the excellence initiative: LABEX Amadeus, Bordeaux
- 2012 Member of the International Organizing Committee of the International Conference on the Science and Technology of Synthetic Metals July 2012, USA.
- 2013-2014 Member of the Scientific Advisory Board of l'Ecole Normal Superior, Paris
- 2014 Review panel member for the Swiss National Science Foundation (SNSF) Starting Grants
- 2015-2019 Review panel member for the Swiss National Science Foundation (SNSF) for the NCCR Molecular Systems Engineering
- 2017-2021 Coordinator of the H2020 MSCA-RISE-2017 Hybrid Nanostructured Oligonucleotide Platforms for Biomedical Applications (Nano-OligoMed)
- 2019 Member of the organizing committee of the IUPAC in chemistry 2019
- 2018-2021 Review panel member for the Swiss National Science Foundation (SNSF) for chemistry

Editorial Activities

- 2001-2004 Member of the Editorial board of Inorganic Chemistry
- 2002-2006 Member of the editorial board of Chemistry of Materials (ACS)
- 2002-2006 Member of the Editorial board of Chemical Society Reviews (RSC).
- 2011- 2019 Member of the editorial board of ChemPhysChem (Wiley) and ChemPlusChem (Wiley)
- 2013-2016-2019 Member of the editorial board of Material Horizons (RSC)
- 2019-2023 Member of the editorial board of Angewandte Chemie (Wiley)

Member of the American Chemical Society, German Chemical Society, Italian Chemical Society and French Chemical Society

Scientific Output

Prof. Luisa De Cola is working in 2 main research areas: a) luminescent and electro-luminescent assemblies and supramolecular structures; b) responsive nanomaterials and soft matrices for imaging, diagnostics and therapy. She has published 375 papers and filed 39 international patents. She has an H-index = 77 and more

than 22000 citations (from google scholars).

She has been invited to more than 300 conferences as plenary or as invited speaker (Gordon Conferences, ESF, Solvay Conference 2011, Accademia dei Lincei, distinguished lecture 2010 Georgia Tech, Bürgenstock Conference 2012, E-MRS 2012, ACS 2015, MRS 2016, MRS 2017, ICC 2018, Nanomedicine, ICOMM, EuCheMs...) and she has delivered more than 400 seminars/talks all over the world.

She has been visiting professor in Japan, USA, France, Italy and Belgium.

She has completed 45 PhD thesis, supervised more than 80 post-docs and several Master students.

She has been a devoted teacher and she has received several recognitions for her excellent student supervision and for the encouragement she gives to her coworkers. Her group has been awarded with several poster prizes, E-MRS award for the best PhD presentation (F. Fiorini 2015), Wissenschaft Prize (Nanoscience Award 2011 for C. Strassert and in 2008 for Z. Popovic), DSM Science and Technology award (finalist Z. Popovic 2008) Elsevier award 2011 (M. Tsotsalas) and the best PhD thesis awards 2015 (A. Aliprandi), 2017 (S. Sinn), and electrochemical society 2017 S. Carrara, just to cite some of them.

Finally, she enjoys to give talk to general public, (EXPO Milano, Berzelius lecture Sweden, TV shows, several interviews) and she is an AXA funding ambassador.

Industrial collaboration and technology transfer

Professor De Cola has filed 36 patents and has collaborated with companies since 1997. She has a very long standing cooperation with Roche Diagnostics, with whom she has filed 8 patents and sold them 2 in the area of ECL labels for diagnostics. She also has a running collaboration with Solvay and Takeda.