

Claudio Zannoni Curriculum Vitae

- **Position:** Emeritus Professor - University of Bologna (June 2020-)
- **Address:** Dipartimento di Chimica Industriale “Toso Montanari”, Università, viale Risorgimento, 4, 40136 Bologna, ITALY
- **Private address.** Via Grado 54, 48122 Ravenna, Italy.
- **e-mail:** Claudio.Zannoni@unibo.it , **web site:** <http://claudiozannoni.it/>
- **ORCID:** 0000-0002-7977-1005, Web of Science Publons **ResearcherID** [E-3129-2010](https://orcid.org/0000-0002-7977-1005)
- **Google scholar:** <https://scholar.google.it/citations?hl=it&user=IAeC9RwAAAAJ>
- **Personal:** Born 31 October, 1948, Ravenna, Italy. Married, two sons.
- **Academic Career**
 - 1972 Laurea in Chimica Industriale, University of Bologna, Italy (110/110 with laude and M. Betti Prize.
 - 1975 Ph.D. in Chemical Physics, University of Southampton (U.K.).
 - 1987- 2018 Full Professor of Physical Chemistry, Dip. Chimica Fisica ed Inorganica, University of Bologna
 - 1998- Founder and [Director of the International School of Liquid Crystals](#), at the [Ettore Majorana Centre](#), Erice
 - Nov.-Dec. 1998; Feb.-Apr. 2003: Nov.-Dec. 2010, Invited Professor: IUSS, University of Pavia
 - Nov. 2004-Oct. 2010 - Director, Dept. of Physical and Inorganic Chemistry, University of Bologna
 - Nov. 2010-Oct. 2012 - Deputy Director, Dept. of Physical and Inorganic Chemistry, University of Bologna
 - 2009-2011 Adjunct Professor, Centre for Modelling, Simulation and Design (CMSD), Univ. of Hyderabad, India.
 - Sept. 2010. Awarded G.B. Bonino medal of the Physical Chemistry Division of Italian Chemical Society.
 - Jan. 2012- Sep. 2015 – Coordinator of Master Course in Industrial Chemistry Univ. Bologna.
 - Jul. 2012- Jul.2014, Chair Professorship, University of Hyderabad, India.
 - Aug. 2012- Jul. 2016 Chair of the International Liquid Crystal Society, <https://www.ilcsoc.org>, Kent (OH, USA)
 - Dec. 2012 – Dec. 2016, Chairman of [EU PRACE High Performance Computing Access Panel](#)
 - Mar. 2013-Apr. 2013 - Invited Fellow, Isaac Newton Institute (INI), University of Cambridge, UK.
 - Jan. 2014, Academic Visitor, Mathematical Institute, University of Oxford, UK.
 - Aug. 2015, Academic Icon Visiting Professor, University of Malaya, Kuala Lumpur, Malaysia
 - Feb. 2018, Solvay Colloquium Lecturer, ULB, Bruxelles.
 - Jul. 2018- Corresponding member. Accademia delle Scienze di Bologna.
 - Jan 2019, honoured with [Festschrift special issue of Liquid Crystals](#) (vol. 45, 44 papers, pages 1871-2415)
 - Jan. 2019-Jun 2019 Invited Fellow, [Isaac Newton Institute \(INI\)](#), University of Cambridge, UK.
 - Nov. 2019- [Emeritus Professor](#) - University of Bologna
- **Main Research Interests and Expertise:** Theoretical Modelling and Computer Simulations (Monte Carlo, Molecular Dynamics) of Liquid Crystals, Polymers, Membranes, Proteins and other Soft Materials in the bulk or nanoconfined. Development of theoretical and computational methods for the spectroscopic (Fluorescence Depolarization, ESR spin probe, NMR) investigation of order and dynamics in anisotropic systems. Predictive atomistic simulations applied to modelling to novel Liquid Crystal and Organic Electronics devices using High Performance Computing.
- **Publications:** Over 300 papers, with an Hirsch index H=56 ([Google Scholar](#)) over 11500 cites, TIS, H=50 (ISI - WOS [PUBLONS](#)), and 3 edited books. A full list is available at <https://claudiozannoni.it/art.htm>).
- **Supervising Activity:** Over 46 “Tesi di Laurea” (1 year master type thesis) supervised; 20 PhD thesis supervised . Has supervised over 25 international predoctoral and 30 postdoctoral fellows (from BE, BR, CA, DE, FI, FR, GR, IN, IR, IT, JP, LT, NL, SE, SI, TR, UK).
- **Presentations:** C.Z. has given more than 350 invited, keynote or plenary talks at International Conferences, Universities and Research Institutions in 27 different countries. A full chronological list with titles is available at <https://claudiozannoni.it/semin90.htm>
- **Editorial or Advisory Editorial Boards:** [Chemical Society Reviews, RSC, UK \(2005-\) IF 54.56](#); [Molecular Crystals Liquid Crystals](#), USA (1996-); [Liquid Crystal Today](#), UK (2001-), [ChemPhysChem](#), Wiley, DE (2000-2014) ; [Chemistry Central Journal](#), Biomed Central, UK (2007-2010); [Physical Chemistry Chemical Physics](#), UK (1999-2002) ; [Journal of Fluorescence](#), USA (1992- 2001) ; [J. Chem. Soc. Faraday Transactions](#), UK(1993-1998) ; [Molecular Physics](#), UK (1984-1992 and 1998-2000) ; [Liquid Crystals](#), UK (1986-1990)

- **Other Activities and Services**

- Founder and Director of the *International School of Liquid Crystals*, at the Centro Ettore Majorana, Erice (1998-). A list of past courses is at <http://claudiozannoni.it/Erice.htm>
- President of the International Liquid Crystal Society (**ILCS**), Kent, OH, US (2012-2016). On the Board of ILCS as regional representative for Italy (2000-2014).
- Chairman of EU PRACE Supercomputing Access Panel (Dec. 2012-Dec.2016)
- Chairman of the Scientific Users Selection Panel (*SUSP*) panel for the High Performance Computing Centres Access programme: HPC-Europa (2004-2012).
- Chairman of CINECA Supercomputer Center Scientific Committee (July 2012-Dec.2016).
- Member of the Chemistry Panel of Experts of the European Community, Human Capital and Mobility project (1992-1994). Member of the Fellowships and of the Networks Chemistry Review Panels for the Training and Mobility of Researchers Program (1995, 2001).
- Member of the MCT International Chemistry Panel of Evaluation (1996) and A3ES (2022), Portugal
- Member of National Institute for the Physics of Matter (INFM) Evaluation Panel (2000).
- External Member of the INFM Directors Board (2001-2003).
- Director of the Theory Section of INSTM, the Italian Consortium for Science and Technology of Materials (Florence) (formerly INCM 1993-1996) and member of its Scientific Council (1996-March 2009).
- Coordinator of the National "Virtual" Computational Laboratory of INSTM at CINECA computing centre providing supercomputer and general computing resources and access to selected scientific software to INSTM members (1997- 2009)
- Member of the Scientific Panel of the Italian Science Festival (Festival della Scienza), Genova (2006-2012)
- Member of EU PRACE High Performance Computing Scientific Steering Committee (Dec. 2012-Dec.2018).
Member of CINECA Scientific Board for the Supercomputer Resources . IS CRA (2010-2012, 2018-2022)