

Curriculum Vitae Rinaldo Poli

Education

- Laurea degree (magna cum laude), Chemistry, University of Pisa, Italy, April 1981.
- Ph.D. degree (magna cum laude), Chemistry, Scuola Normale Superiore, Pisa, Italy, September 1985.

Professional Experience

- Exchange Ph.D. student, Imperial College of Science and Technology, London, 1983–1984.
- Research Associate, Texas A&M University, College Station, 1985–1987.
- University of Maryland, College Park: Assistant Professor (1987–1992), Associate Professor (1992–1995), Professor (1995–1996), Associate Chair and Director of Graduate Studies (1995–1996).
- Université de Bourgogne, Dijon: Professor (PR2 1996–1999, PR1 1999–2005), Department Chairman (2001–2003).
- Directeur de Recherche (détachement), LCC, Toulouse (2003–2005).
- Ecole Nationale Supérieure des Ingénieurs en Arts Chimiques et Technologiques (ENSIACET): Professor (PR1 2005–2007, PRCE1 2007–2011, PRCE2, 2011-present).
- Adjunct Professor: University of Maryland (2008–2014).
- Visiting Professor: TU München (1993–1994), Tokyo Metropolitan University (1995), Inorganic Chemistry Laboratory Oxford (1998), Los Alamos National Laboratory (2001, 2002, 2006), Celal Bayar Üniversitesi, Turkey (2003), Uni-Heidelberg (2008), Leibniz Institut für Katalyse, Rostock (2009), Université du Québec à Montréal (2010), Universiti Kebangsaan Malaysia, Bangi, Malaysia (2010), Osaka University (2012), UFMG, Belo Horizonte, Brazil (2016), Huazhong Institute of Science and Technology, Wuhan, China (2018)

Honors and Awards

- Giuseppe Stampacchia Award (Rome, 1983)
- Camille and Henry Dreyfus Foundation Distinguished New Faculty (1987–92)
- Presidential Young Investigator (1990–95)
- Exxon Education Foundation Award (1991)
- Alfred P. Sloan Research Fellow (1992–94)
- Medaglia Nasini (1992)
- Alexander von Humboldt Fellow (Forschungsstipendium, 1993)
- Senior member of the “Institut Universitaire de France” (2007-12)
- Alexander von Humboldt Fellow (Wiedereinladung, 2008)
- Senior Award of the “Interdivisional Group of Organometallic Chemistry” of the Italian Chemical Society (2010)
- Senior Award of the “Division of Coordination Chemistry” of the French Chemical Society (2010)
- Senior member of the “Institut Universitaire de France” (renewal, 2012-17)
- Franco-Brazilian chair, UFMG and French Embassy in Brazil (2016)
- Elected member of the European Academy of Sciences, 2018.
- Fellow of Chemistry Europe, 2018

- Paolo Chini Memorial Lecture, awarded by the Inorganic Chemistry Division of the Italian Chemical Society, 2019
- Prix Jaffé of the "Fondation de l'Institut de France", 2020
- "Berthelot" Medal of the French Academy of Sciences, 2020
- "Membre Distingué" (Fellow) of the French Chemical Society, 2020

Scientific production

- > 420 publications in peer-reviewed international journals
- 17 contributions to books and monographs
- 2 books
- >12,000 citations, H = 51 (Web of science)
- >115 invited talks at international conferences, symposia and schools
- >240 invited seminars in academic and industrial research institutions worldwide.

Editorial Service

Guest editor, journals:

- *J. Organomet. Chem.* **2000**, 593-594 (Fausto Calderazzo's 70th birthday)
- *J. Organomet. Chem.* **2007**, 692(15) (thematic volume: One-electron Organometallic Reactivity)
- *Eur. J. Inorg. Chem.* **2012**(9) (thematic volume: Organometallic Chemistry, associated to the XIX EuCOMC)
- *ChemCatChem* **2013**, 5(5) (thematic volume: Homogeneous Catalysis, associated to the 18th ISHC)
- *Turk. J. Chem.* **2015**, 39(6), (thematic volume: Cross-Coupling Reactions)
- *Eur. J. Inorg. Chem.* (virtual volume: focus on the French Chemical Society Coordination Chemistry Division Prize Winners)

Edited books:

- "Recent Advances in Hydride Chemistry". Elsevier Science, 2001 (with M. Peruzzini).
- "Effects of Nanoconfinement on Catalysis". Springer International Publishing, 2017.

Journal Boards

- CHEMTRACTS Inorg. Chem.: Expert Analysts (1996–2005)
- *Eur. J. Inorg. Chem.*: International Advisory Board (2002-2004)
- *Eur. J. Inorg. Chem.*: Editorial Board (2005–2007)
- *Eur. J. Inorg. Chem.*: Chairman of the Editorial Board (2008–2010)
- *J. Organometal. Chem.* (2011-present)
- *Organometallics* (2012-2014)
- *Turkish Journal of Chemistry* (Associate Editor, 2013-2017)
- *Chem. Eur. J.*, Editorial Board (2014-2021).

Organisation of Professional Meetings

- *Trends in Transition Metal Chemistry*, Pisa, Italy, 25–27 February 2000 (chairman).
- *EURO-Hydrides 2000*, Dijon, France, 6–9 September 2000 (chairman).
- *8th Eurasia Conference on Chemical Sciences*, Hanoi, Vietnam, October 20–24, 2003 (convener of a Minisymposium entitled “*Green Chemistry*”).
- *232th ACS Meeting*, San Francisco, 2006 (convener of a symposium entitled “*Metal Complex Radical Chemistry*”, together with V. Gibson and K. Theopold).
- *Catalysis in Aqueous Media*, Toulouse, Nov. 30 – Dec. 1, 2007 (co-chair with A.M. Caminade).
- *2nd EuCheMS Conference*, Torino, Italy, September 16–20, 2008 (convener of a Symposium entitled “*Radical Reactivity in Transition Metal Chemistry*”).
- *19th EuCheMS Conference on Organometallic Chemistry (EuCOMC)*, Toulouse, France, July 2011 (co-chair with P. Kalck)
- *CopAmphi 2012*, 5-7 June 2012 (member of the Organizing Committee)
- *18th International Symposium on Homogeneous Catalysis (ISHC)*, Toulouse, France, July 2012 (co-chair with P. Kalck)
- *EUROPACAT XI*, Lyon, France, 1-6 September, 2013 (Member of the National Scientific Committee).
- *Molecular Complexity in Modern Chemistry (MCMC-2014)*, Moscow, 13-19 September, 2014 (Member of the International Advisory Committee).
- *42nd International Conference on Coordination Chemistry (ICCC 2016)*, Brest, France, 3-8 July, 2016 (Member of the National Advisory Board).
- *14th International Symposium on Applied Bioinorganic Chemistry (ISABC)*, Toulouse, France, June 2017 (member of local organizing committee).
- *SCF18 (National Meeting of the French Chemical Society)*, Montpellier, France, July 2018 (member of organizing committee and coordinator of a scientific subcommittee).
- *Trans Pyrenean Meeting in Catalysis 2 (TrapCat2)*, Tarragona, Spain, 18-19 October 2018 (member of scientific committee).
- *47th IUPAC Chemistry Congress (IUPAC 2019)*, Paris, France, 7-12 July 2019 (co-organizer, with Krzysztof Matyjaszewski, of a Special Symposium entitled “*Metal-mediated radical polymerization: a prime example of CNRS-supported French-American partnership*”).
- *IIT-Kanpur/LCC-CNRS joint CEFIPRA/IFCPAR virtual symposium on organometallic chemistry and catalysis* (web edition), Toulouse, France, and Kanpur, India, 8-10 December 2020 (co-organizer).
- *CEHC-1 (First Cutting-Edge Homogeneous Catalysis International Workshop)*, Toulouse, France, May 2021 (online event, chairman).
- *44nd International Conference on Coordination Chemistry (ICCC 2020)*, Rimini, Italy, 28 August-2 September, 2022 (co-organizer of a scientific session).

Scientific Interests

- Effects of the spin state in organometallic reactivity
- Hydrides and dihydrogen complexes
- High oxidation state aqueous organometallic chemistry and oxidation catalysis
- Homogeneous catalysis: intermolecular hydroamination of non-activated olefins
- Chiral ligands, their coordination chemistry and catalytic applications
- Metal-mediated controlled radical polymerization
- Biphasic catalysis with polymeric nanoreactors.