

CURRICULUM VITAE

ELIO GIAMELLO



Elio Giamello is Full Professor of Inorganic Chemistry at the University of Torino. At the same University, in the recent past, he has been for six years Director of the PhD School in Science and High Technology and Head of the Department of Chemistry for three years.

At the beginning of his career, after some experiences in a company and abroad (Institut des Recherches sur la Catalyse, CNRS Villeurbanne, France) he started to work in the field of solid state and surface chemistry with particular attention to the materials based on metal oxides. In this area he developed the application of Electron Paramagnetic Resonance, a magnetic spectroscopy suited to investigate the paramagnetic and radical centers present in oxide and at their surfaces. He had a one-year post doctoral experience in Paris VI University in the group of Prof. Michel Che. In the same University he covered, later, the position of invited professor for one month both in 1994 and 2005.

In 2007 Elio Giamello has been elected the recipient of an Humboldt Research Award by the Alexander von Humboldt Stiftung, Germany, for his scientific activity in the field of surface chemistry. Since 2013 he is a member of the Board of Governors of the University of Torino.

Affiliation and official address:

Università di Torino.

Dipartimento di Chimica

Via P. Giuria 7. 10125 TORINO. Italy.

Current Position:

Full Professor of Inorganic Chemistry. University of Torino, Italy.

Chronological prospect of the academic career.

1984-1985	Research stage (one year) at Paris VI University (Laboratoire de Chimie des Solides, prof. Michel Che)
1986	Associate Professor of Inorganic Chemistry (University of Turin)
1994	Invited Professor at Paris VI University (Paris, France)
2000-date	Full Professor of Inorganic Chemistry (University of Turin)
2005	Invited Professor at Paris VI University (Paris, France)
2005-2008	Head of Department (Dipartimento di Chimica IFM, Università di Torino)
2008	Visiting Scientist at Fritz-Haber Institut (Max Planck Gesell.) Berlin
2006-2012	Director of the PhD School in Science and High Technology (University of Turin)
2013-date	Member of the Board of Governors of the UNIVERSITY OF TORINO

Membership of Scientific Societies

Italian Society of Chemistry (S.C.I.)

Italian Group of EPR (G.I.R.S.E.)

Spanish Group of EPR (G.E.R.P.E.), Honorary member

Academies

Fellow of the European Academy of Science (EURASC)

Fellow of Academia Europaea

Fellow of Accademia delle Scienze (Torino)

Awards

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Research and teaching activities.

Elio Giamello is active, since the early eighties, in the field of Chemistry and Surface Chemistry of metal oxides with particular emphasis on the applications of Electron Paramagnetic Resonance spectroscopy (EPR) to this field. He leads a team working in this field at the University of Torino. Focus of the interest are the properties of paramagnetic centres at the surface (surface defects, reactive intermediates, transition metal centres) and in the bulk of bare oxides, doped oxides and mixed oxides. Since the beginning of the century he started to be interested to bare and modified

photoactive systems based on oxides with particular emphasis on those systems capable to be activated by visible light. He devoted particular attention both to explore the properties of Titanium dioxide and to prepare systems based on modified titania such as N-doped and F-doped TiO₂ in order to understand the mechanism of visible light photoactivation. This led to the preparation of novel oxide based, promising photocatalytic system such as those based on doped zirconium dioxide.

Giamello has cooperated with several groups in Italy and abroad (France, Poland, Japan, Austria, USA, U.K.) He is a member of national and international networks. He is also an active teacher as he has covered different courses in the University of Torino (General Chemistry, Solid State Chemistry, Magnetic Resonance) and, as Invited Professor, abroad. He has taken part as a teacher at Advanced Schools in Italy or abroad.

He has been supervisor of numerous undergraduate and PhD students.

Publications and Bibliometric indexes.

Elio Giamello is co-Author or Author of more than 260 papers on Journals, Books, Periodicals and Conference Proceedings.

The following Table resumes the performance of these papers according to different data base (June 2018)

Data base	N° of citations	h-index
ISI Web of Science	10300	53
Scopus	11500	53
Google Scholar	14200	60

