

Lorenza Operti Curriculum vitae

Department of Chemistry - University of Turin

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Education July 1980	Master Degree in Chemistry , University of Turin
Professional Experiences 1981 - 1983	Post-doc at the Gaschromatography – Mass Spectrometry Lab of the Chemistry Department at the University of Turin.
1983 - 1992	Research fellows at the Faculty of Natural Sciences, University of Turin
1986 – 1987	International CNR grant at Purdue University, West Lafayette, Indiana (USA)
1992 - 2000	Associate Professor in General and Inorganic Chemistry at the Faculty of Agronomy, University of Turin
from 2000	Full Professor in General and Inorganic Chemistry at the Faculty of Natural Science now Department of Chemistry), University of Turin.
Teaching activities from 1983	General and Inorganic Chemistry courses and Inorganic Chemistry Labs for many bachelor and master degrees of the School of Natural Sciences Inorganic Chemistry courses for the Doctoral School Tutoring for thesis work in the Bachelor Degree in Chemistry and Chemical Technologies and in Materials Science, in the Master Degree in Chemistry, in Industrial Chemistry, and in Materials Science; in the Doctoral School in Chemical and Materials Sciences.
Scientific activities from 1983	Main research subjects, in time line succesion: ✓ Mass spectrometric methods applied to the gas-phase behaviour of metal containing compounds ✓ Gas phase ion chemistry of systems containing volatile hydrides of elements of groups 14 and 15 of the Periodic Table. ✓ Preparationa and characterization of superconducting materials ad high Tc ✓ Study and charaterization of hystorical materials (enamels, metals, ceramics) of interest in Cultural Heritage frame. Author of more than 130 papers published on international journals with peer review and of very numerous invited, oral, and poster communications at both national and international conferences.
Other activities at the University of Turin 2005 - 2007 2006 - 2012 2013 2013 - 2016 from 2015	President of Bachelor and Master Programmes in Materials Science Vice-Dean of the Faculty of Natural Sciences First Director of the School of Natural Sciences (following the reformation of the Italian Higher Education system in 2012 ex-L 240/2010) First President of the Quality Assurance Group (as above, ex L 240/2010) Vice-Rector for Education and International Relations