

Professor Cristina Leonelli

Universita di Modena and Reggio Emilia
Modena, Italy



Degree in Chemistry in '86 at the University of Modena, after several experience supported with national fellowships in Modena and in U.S.A., she got Ph.D. in Chemistry in '93. From '92 to '98 she got the position of researcher/assistant professor at the Faculty of Engineering (Modena University) specialising in the field of Chemistry Applied to Ceramic Materials. After one year as associate professor at the Faculty of Engineering of University of Naples "Federico II", she managed to come back to Modena University in 2000 where she is still active at the Faculty of Engineering. She got full professorship in 2006 in Chemical Fundaments of Technologies and in the same university she is leading the inorganic compounds synthetic group.

Fields of interest:

- i) innovative preparation techniques and microwave heating applied to materials processing and synthesis. Her work in this area has been worldwide recognised and she has been elected in 2009 President of AMPERE EUROPE the non-profit association dedicated to education and industrial development of microwave heating technology.
- ii) design of new compositions, preparation and characterisation of different powder and bulk ceramic materials as well as for application developments. In this field she has been active in the geopolymers preparation and at present (2013) she is the Geopolymer Working Group Coordinator for the Italian Ceramic Society.
- iii) solid state reactivity. She has also been active in the field of solid state chemistry, with particular interest in the reactivity of ceramic powders and in the transition from amorphous to crystalline state.

Cristina Leonelli has been publishing the results of her research work in over than 250 scientific publications and 7 patents. She presented her work in international and national conferences some of those have seen her as invited speaker, member of Organizing and Technical Committees.