

RAMIS Gianguido, born in Genoa (Italy) in 1959.

Education: Master's Degree in Industrial Chemistry obtained at the University of Genoa, on 18 June 1985, with a score of 110/110 "cum laude"; Research Doctorate in "Industrial Chemistry" (1988-1992) obtained at the Polytechnic of Milan, Dept. of Industrial Chemistry, (supervisor Prof. P. Forzatti).

Current position: Full Professor of Chemical Foundations of Technologies at the University of Genoa (Italy) since 2023; Associate member of the "National Interuniversity Consortium for the Science and Technology of Materials" (INSTM); Member of the Ph.D board in "Sciences and Technologies of Chemistry and Materials".

Career: Visiting Research Scholar at the Université de Limoges (F), Laboratory of Molecular Spectroscopy (Prof. P. Quintard) with grant from the French Government (10/09/1986-30/6/1988); Stage at the Polytechnic of Milan, Dept. of Industrial Chemistry, (tutor Prof. I. Pasquon) with grant from the National Research Council (1/06/1992-31/05/1993); University researcher, from 1995 to 2001, at the Institute of Chemistry of the Faculty of Engineering of Genoa (Italy); Invited Professor, 2000, Facultad de Química de la UNAM of Mexico City (Mexico), Espectroscopia Vibrational en Catálisis Heterogénea; Associate professor, from 2001 to 2023, at the DICCA of the University of Genoa; President of the Chemical Engineering Course of the Faculty of Engineering of Genoa, 2005-2010.

Scientific interests: SCR of NO<sub>x</sub> with NH<sub>3</sub>; Partial oxidation and catalytic combustion of hydrocarbons and VOCs; Activation of C-H bonds, Production of H<sub>2</sub>; CO<sub>2</sub> photoreduction; FT-IR spectroscopy applied to heterogeneous catalysis; Kinetic studies on flow reactors.

Scientific qualification: Uniquely considering the SCOPUS database, author of over 177 documents, with a Citation Index of over 12200 and Hirsch-Index of 55.