



Gianguido Ramis

Associate professor

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Education and training

1991

PhD in Industrial Chemistry

Characterization of catalysts for the Selective Catalytic Reduction of NO_x with NH₃ and study of the reaction mechanism

Politecnico of Milan

Master Degree in Industrial Chemistry

110/110 cum laude

University of Genoa

Academic experience

2001 - ONGOING

Associate professor

University of Genoa

1995 - 2001

Assistant professor

University of Genoa

Language skills

Italian

Mother tongue

English

Independent

French

Basic

Spanish

Basic

Research interests

Research interests are mainly focused on heterogeneous catalytic processes, on the characterization of surface active sites and on the identification of reaction mechanisms mostly through FT-IR spectroscopy. Some of the topics studied are: SCR of NO_x with NH₃; catalytic oxidation; catalytic combustion of hydrocarbons and VOCs; C-H bonds activation; H₂ production by steam reforming of bioalcohols; CO₂ photoreduction; photocatalytic H₂ production.