

CV – Prof. Delia Gazzoli

Graduated in Chemistry (summa cum laude) at Sapienza University of Rome in 1973, Delia Gazzoli served as associate professor of General and Inorganic Chemistry at the Department of Chemistry of Sapienza University of Rome from 1998 to 2019. Since 2020 she has been an external professor at the same Institution.

Author of more than 120 papers in international journals in the field of Solid State, Surface Chemistry and Catalysis. The research interest mainly focuses on solid state and surface chemistry of systems of relevant interest in the field of heterogeneous catalysis and materials science, consisting of transition metal oxides or metals supported on oxides with peculiar morphological and textural properties (zirconia, titania, alumina and mesoporous SBA-15) and of advanced materials (SAMs and CNT) of interest in the electrochemistry and bioinorganic fields. The most interesting results, obtained by different complementary techniques (XRD, UV-vis, XPS and Raman spectroscopies) include: i) the role of the morphological and textural properties of the support on the uptake and dispersion of the added species; ii) the influence of additives on some properties of the support; iii) the correlation between surface structure and catalytic properties; iv) the role played by Photoelectron Spectroscopy (XPS) in assessing the nature and dispersion of the surface species. She carried out research activities with groups of Italian (Cagliari, Ferrara, Bologna, Milano) and foreign (Universidad Nacional de La Plata - Argentina) Universities and performs as reviewer for international journals in the field of solid state chemistry, surface chemistry and heterogeneous catalysis.

Co-Editor of the Special Issue: "Oxide-Based Materials for Sustainable Catalytic Processes" - Materials, 2021.

Italian project team leader of the Interuniversity international agreements of cultural and scientific cooperation Argentina-Italy: 2004 - 2019.