

Georgeta Postole, studied at the University of Bucharest (Romania), obtaining her Master Degree in 1998. The same year, she was hired as assistant researcher at the Institute of Physical Chemistry of the Romanian Academy of Sciences where she followed her PhD studies (2003-2006) in co-supervision with the University of Lyon1. Her research focused mainly on the development of catalysts for total/selective oxidation of hydrocarbons. She acquired skills in preparation, characterization and catalytic testing with a particular concern on the relationships between microcalorimetric, spectroscopic and electrical properties information and catalytic performances of studied materials. In 2010, after a post-doctoral stay of 18 months at IRCELYON where she studied the poisoning effect of hydrogen fuel impurities on the Pt/C catalysts used as anode in PEM fuel cells, she joined the University of Lyon1 as Associate Professor where she is teaching the bases of chemistry and physical chemistry. Currently she is a member of the “Approches thermodynamiques, analytiques et réactionnelles intégrées (ATARI)” group of IRCELYON, devoting her research activity to domains such as: valorization of bio-resources by advanced catalytic processes (reforming and combustion reactions), hydrogen storage and production, biogas purification by catalytic and absorption processes. Alongside, her research is focused on the use of thermal analysis and calorimetry techniques for the studies in catalysis and energy fields.

She is co-author of 68 publications and 3 book chapters.

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