



Silvia Bordiga, is Professor of Physical Chemistry at the Chemistry Department of Turin University. Her scientific activity is mainly devoted to the characterization of the physical–chemical properties of high surface area nanostructured materials (e.g. oxides, zeolites and MOFs) used as heterogeneous catalysts, materials for adsorption, separation and storage, through *in situ* and *operando* spectroscopies. Broad aim of the work is to describe the structure and the number of the active sites; the reaction mechanisms; the origin of catalysts deactivation.

Past director of the Interdepartmental Centre of Nanostructured Materials and Interfaces (NIS) at Turin University, she is now part of the Scientific Committee.

Since 2012 Silvia Bordiga is Professor II at the Chemistry Department of Oslo University; she is the President of the Master Science Course in Material Science at Turin University. From the Société Chimique de France, in 2017 she received the SCF French-Italian Prize.