

After graduating in Materials Science at the University of Torino in 2001, Mauro got his PhD in Materials Science and Technology in 2005 thanks to a collaboration between Centro Ricerche Fiat and the University of Torino.

His first research interest was related to catalytic materials for direct methanol fuel cells. His career continued working on materials for friction reduction, hydrogen storage at the solid state and, more recently, on Li-ion batteries.

He was the coordinator of the Italian research project "Metisol" devoted to the production and storage of methane/hydrogen blends. He always applied an experimental approach supported by computational understanding of the properties of materials.

He was appointed the charge of "Technical Fellow" at Stellantis and was responsible of two laboratories working on catalytic materials and electrochemistry.

Since October 2022 he will join the "Metallic Materials Laboratory" at the Chemistry Department of the University of Torino.

He is author of more than 35 research papers and of 11 patents.