

Devis Di Tommaso

Professor, Queen Mary University of London (UK)

Devis was born and raised in Italy. He studied Chemistry at the University of Trieste, where he also carried out doctoral studies in Theoretical Chemistry under the supervision of Professor Piero Decleva with a thesis on the development of quantum mechanical methods to investigate molecular photoionization processes. In 2006, Devis moved to London to work as a postdoctoral researcher at the Royal Institution of Great Britain in the group of Professor Richard Catlow, focusing on theoretical catalysis. As part of a Marie-Curie research and training network, in 2007 he moved to University College London (UCL) in the group of Professor Nora de Leeuw where he used simulations to characterize the nucleation and growth of metal carbonates. In 2012, he was awarded a Royal Society Industry Fellowship between UCL with AstraZeneca. Devis joined Queen Mary University as a Lecturer in 2013 and was promoted to Senior Lecturer (Associate Professor) in 2020.

Devis' research interest includes theoretical catalysis, CO₂ conversion, aqueous thermodynamic modelling, and amorphous materials. He currently leads an EU-funded consortium, FUNMIN, to accelerate the process of CO₂ mineralization from solution.