Danilo DINI - *CV*

Danilo Dini (D.D.) obtained his Ph.D. in Materials Science at the University of Rome “La Sapienza” (Italy) and successively held postdoctoral positions at the Institut fur Physikalische Chemie of Max-Planck-Institut (Berlin, Germany), and at the Institut fur Organische Chemie of the University of Tuebingen (Germany) before joining the Dept. Of Chemistry at LA SAPIENZA in 2010. The main research interests of D.D. are photoelectrochemistry, photophysics of organic semiconductors and solar energy conversion devices. In particular, the research activity of D.D. has been directed towards the evaluation and design of materials for the development of opto-electrochemical devices such as electrochromic windows, light emitting electrochemical cells, optical limiters, solar energy conversion electrochemical cells and fuel generation from sunlight conversion. Since 2008 D.D. has undertaken the study of the electrochemistry of dye-sensitised semiconducting oxides with nanofeatures for the realization of photoelectrocatalytic devices based on the working principle of the Grätzel cell, which realize photoinduced reduction processes. D.D. has co-authored more than 160 peer-reviewed papers. In 2024, D.D. has published the entry titled Semiconductor Electrodes in the Encyclopedia of Electrochemical Power Sources.