

Danilo Dini - CV

Danilo Dini (D.D.) is Associate Professor in the Dept. of Chemistry of the University of Rome LA SAPIENZA. D.D. got the MSc in Chemistry (summa cum laude) with a work on the electrochromic properties of semiconducting oxides. For this work D.D. obtained in 1994 the prize "Luigi Grifone, which is assigned every year by the Italian Chemical Society for the best Italian MSc thesis in Electrochemistry. In 1998 D.D. obtained the PhD in Materials Science with a work on the deposition and characterization of conducting polymers. During PhD, D.D. has been in the laboratories of Prof. Allen J. Bard at the University of Texas (Austin) for the employment of the Scanning Electrochemical Microscope in the evaluation of the electrocatalytic properties of electronically conjugated polythiophenes. Successively, D.D. got a postdoctoral position in the Fritz-Haber-Institut of Max Planck Gesellschaft (Dahlemdorf-Berlin, Germany) in the group of Prof. Gerhard Ertl for the realization of a project on the electrochemiluminescent patterns generated by modified electrodes. In the period 2001-2006 D.D. was in the group of Prof. Michael Hanack at the Institut für Organische Chemie of the University of Tuebingen (Germany) for the preparation and characterization of photoconductive phthalocyanines with electrochromic and nonlinear optical properties. Prior to the appointment at LA SAPIENZA in 2010, D.D. joined the group of Prof. Johannes G. Vos at the School of Chemical Sciences of Dublin City University (DCU, Ireland) for the study of inorganic semiconductors and organometallic dyes as photoelectrode materials in Gratzel type solar cells. Current research interests of D.D. are photoelectrochemistry, photophysics of conjugated molecular materials and solar energy conversion devices. D.D. has published more than 140 peer-review papers and is currently a member of the editorial board of the journal NANOMATERIALS.