

Personal information

First name / Surname: Fabio Cucinotta
Address: Via G. Plana 38, 15121, Alessandria (Italy)
E-mail: fabio.cucinotta@gmail.com
Date of birth: 15.03.1982
Place of birth: Torino (Italy)

Education and training

- PhD in Chemistry (February 2010), at the Westfälische Wilhelms-Universität Münster, Physikalisches Institut c/o Center for Nanotechnology (CeNTech), Münster (Germany) on the research topic “Zeolite L based host-guest systems as key components for opto-electronic applications”, under the supervision of Prof. Luisa De Cola
- Master Degree in Chemistry (July 2006), at the University of Messina with a research thesis based on “Photophysical properties of platinum(II) polypyridine complexes”, under the supervision of Prof. Sebastiano Campagna
- Bachelor Degree in Chemistry (July 2004), at the University of Messina with an internship thesis based on “Pt-Ru based catalysts for direct methanol fuel cells”, under the supervision of Prof. Sebastiano Campagna and Dr. Antonino S. Aricó (ITAE-CNR)
- High School Diploma (July 2001), at Liceo Scientifico Statale “Archimede” in Messina

Skills and competences

- Technical skills and competences: organic and inorganic synthesis and molecular characterization (UV-visible, IR and NMR spectroscopies); Schlenk-line and high vacuum techniques, column and plate chromatography; photophysical characterization (steady-state and time-resolved spectroscopy); freeze-pump-thaw technique and quantum yield determination; OLEDs preparation (glovebox use and thin film deposition, devices electrical and optical characterization); surface characterization (spin-coating, profilometry, scanning electron microscopy, confocal fluorescence microscopy).
- Language skills: italian, english, german, spanish

Selected publications

- J. Osio Barcina, N. Herrero-García, F. Cucinotta, L. De Cola, P. Contreras-Carballada, R. M. Williams, A. Guerrero-Martinez; “Efficient Photoinduced Energy Transfer Mediated by Aromatic Homoconjugated Bridges”, *Chem. Eur. J.*, **2010**, 16, 6033-6040.
- F. Cucinotta, Z. Popovic, E. A. Weiss, G. M. Whitesides, L. De Cola; “Microcontact Transfer Printing of Zeolite Monolayers”, *Adv. Mater.*, **2009**, 21, 1142-1145.
- F. Cucinotta, M. L. Di Pietro, F. Puntoriero, A. Giannetto, S. Campagna, M. Cusumano; “Luminescence Properties of Pt(II) Complexes containing Polypyridine Ligands with Extended Aromatic Moieties”, *Dalton Trans.*, **2008**, 35, 4762-4769.