

David Martineau

www.davidmartineau.net
contact@davidmartineau.net

Experienced Chemist in Dye Solar Cells

SKILLS SUMMARY

Management Leading of research projects, team working, collaborative work with remote teams abroad, spoken and written communications in English, supervising ability

Chemistry Bibliographic survey and scientific watch, mastering of mainstream laboratory techniques in synthesis (organic, inorganic, macromolecular), purification (flash and gel chromatography, distillations...), and analysis (NMR, GC, GPC, GCMS, IR, UV-Vis...)

Computing Web application development, database architecture, standards compliant web design, desktop publishing (logos, leaflets, posters...), writing in LATEX, network administration...

Languages French native tongue, fluent English (four months stay in UK in 2002), basics of Spanish

EDUCATIONAL BACKGROUND

2003 - 2006 Ph.D in Molecular Chemistry and Physical Chemistry at the SESAMES school of doctors (Nancy-Metz, France), plus doctoral courses in marketing and management

- synthesized and studied new dyes for the photovoltaic (Dye-Sensitized Solar Cells)
- teamed up with Prof. C. A. Bignozzi and coworkers (Ferrara, Italy) to evaluate the performances of solar cells
- published 5 papers in international scientific journals
- presented 4 communications (oral or poster) during international congresses
- supervised master's degree students

2003 Pre-doctoral studies in Molecular Chemistry and Physical Chemistry, obtained with honors, Université Henri Poincaré - Nancy 1, France

- studied reactivity of lithium aggregates in the laboratory of Prof. Y. Fort

2002 MSc in Fine Organic Chemistry, obtained with honors, UHP - Nancy 1, France

- studied four months ATRP polymerization in the team of Prof. D. M. Haddleton at the University of Warwick (UK)

WORK EXPERIENCE

since 2007 Research Scientist at Solaronix, the leader in the development of Dye Solar Cells

2006 - 2007 Developed four months a web application for the French Society of Chemistry (SFC)

2005 Joined the organizing committee of the EuroChem international congress held in Nancy

1999 - 2005 Worked as a webmaster in 6 companies and 5 associations

OTHER INTERESTS AND ACTIVITIES

- Solar energy and renewable energies, hydrogen economy, biofuels
- Graphic communication arts, information technologies, web applications
- Sports: roller skate, ski, squash, badminton

References and list of publications available upon request