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Research interests: Physics, Chemical Sciences, Material chemistry, Condensed Matter Electrochemistry, Polymers, Soft Condensed Matter, Optics, Chemical Physics, Chemistry & allied sciences, ionic liquids, Sol-Gel, Electrolyte Polymer, Ionic Conductivity

Vice-president of Analytical Chemistry sub-division of Société chimique de France. Scientific in charge of the Scanning electrochemical microscopy (SECM) equipment

Olivier Fontaine is an Associate Professor in the Department of Solid State and Divided Matter Chemistry and a member of the Aggregates, Interfaces and Materials for Energy group (AIME) in the Institute Charles Gerhardt Montpellier (ICGM). And he has just received the 2017 prize awarded by the magazine La Recherche in the area of Chemistry!

Olivier Fontaine has a dual research profile in fundamental electrochemistry and chemistry of nanomaterials. After a doctorate studies in molecular electrochemistry, he earned multidisciplinary expertise through two post-doctorate positions at the College de France (Prof. C. Sanchez) and the University of St Andrews (Prof. P. G. Bruce). Rich in these multidisciplinary approaches, he started a career as a young independent researcher, with the concern to know "how to use molecular electrochemistry to understand batteries and supercapacitors?" Two results, having an international reasoning, started my career with fulgurating: the unsuspected use of redox mediators in Li-air batteries (Published in Nature chemistry, Nature Energy, and Energy Environmental Science) and the invention of the biredox ionic liquid in supercapacitors (Published in Nature Materials, Nature Catalysis and in Angewendte Chemistry).