

Deborah Jones



Statement: It was an honour for me to serve the International Society of Electrochemistry as Chair of Division 3 "Electrochemical Energy Conversion and Storage" in 2013-2014 (chair-elect 2011-2012, past-chair 2015-2016) and to have been involved in the scientific programme of ISE Annual Meetings through co-organisation of its Fuel Cells and Electrolyser symposia since 2010, as well as this year's Topical Meeting on Advances in Lithium and Hydrogen Electrochemical

Systems for Energy Conversion and Storage in Buenos Aires. A diverse and engaged membership is the strength of ISE, and if elected as a Vice-Chair of the Society, I would wish to build on the efforts of my predecessors in extending the presence of the Society to support electrochemists in all international regions, in providing opportunities for the active participation of young as well as established scientists in its meetings, and by encouraging involvement of members in symposium organisation. I would like to work to ensure that our conferences further expand globally and our Society interacts fruitfully with allied communities. If elected I would work to the best of my abilities to serve ISE and its members.

Curriculum vitae

Present position:

Full Senior Research Chemist (Directeur de Recherche Première Classe, DR1) of the French National Scientific Research Council (Centre National de la Recherche Scientifique) at the University of Montpellier, France

Associate Director of the Institute Charles Gerhardt Montpellier

Professional address:

Institute Charles Gerhardt Montpellier, (<http://www.icgm.fr>)
Laboratory for Aggregates, Interfaces and Materials for Energy,
Université de Montpellier, 34090 Montpellier, France
Ph. (+33) 4 67 14 33 30, Fax (+33) 4 67 14 33 04
Deborah.Jones@umontpellier.fr

Education

University of London, King's College

1979 B.Sc. in Chemistry, 1st class Honours

1982 Doctor of Philosophy (Ph.D.) in Chemistry

Deborah J. Jones received her Bachelor of Science in Chemistry in 1979 from the University of London, King's College as top KCL Chemistry student of the year, and her Ph.D. under the supervision of John Emsley from the same university in 1982. After a period at Southampton University, UK, with Neville Jonathan, she moved to France first with a Royal Society Fellowship and then a European Commission Sectoral Grant in Non-Nuclear Energy at the University of Montpellier, France, before securing a permanent position with the CNRS. She is now Director of Research at CNRS (DR1) and Director of the CNRS Research Federation that assembles the Chemistry Institutes in the Languedoc-Roussillon region of France. She is also Associate Director of the Institute for Molecular Chemistry and Materials at Montpellier University.

Her interests have included ion and electron transfer and transport in insertion and intercalation materials, and proton conduction properties in solids ranging from soft matter to high temperature proton conducting ceramics. She has been working in the field of the development of membrane materials for proton exchange membrane fuel cells since the mid 1990's, and has been closely involved in research on fuel cell materials at European level for several years. She is a member of the Scientific Committee of the European Fuel Cells and Hydrogen Joint Undertaking and leader of the Electrolytes topic of the European Energy Research Alliance joint programme on Fuel Cells and Hydrogen. She initiated the European Coordination Action on Membrane Electrode Assemblies, and the CARISMA international conference series held at La Grande Motte, France in 2008 and 2010. She is co-organiser of the Polymer Electrolyte Fuel Cells Symposia of the Electrochemical Society since 2009, and co-chair of the Gordon Research Conference on Fuel Cells in 2018.

Deborah Jones was Senior Editor of the journal "Fuel Cells – from fundamentals to systems" 2008-2014. She has co-authored more than 210 peer-reviewed journal articles (Researcher ID B-6186-2008), seventeen review articles and book chapters, and forty four conference transactions on synthesis and characterisation of electrochemically active materials, in particular for energy conversion and storage, ion-exchange, insertion and intercalation, hydrogen bonding and proton transfer. She is also an inventor on sixteen patents granted in the field of fuel cell materials. With an h-index of 40, her work has been cited more than 6500 times (ISI Web of Science metrics).

Dr Jones was an invited speaker at the Gordon Research Conference (GRC) on Fuel Cells (2004, 2014), the GRC Polymers (2009) and the GRC Membranes (2010) amongst other important conferences in the field. She is Fellow of the Electrochemical Society (2015) and recipient (2016) of the Sir William Grove award of the International Association for Hydrogen Energy.