

LEFEBVRE-JOUD Florence

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Current Position:

2013 - Deputy Director of CEA-Liten in charge of scientific activities
2014 - Deputy Director of Institut Carnot Énergie du Futur²

Professional experience:

2007-2012: Hydrogen and Fuel Cell Program Manager, in charge of European partnership
2004-2006: Head of Fuel Cell and Hydrogen Laboratory of CEA-Liten
2002-2003: Deputy Head of Material and Processes Service in charge of coordinating research programs on renewable energies at CEA Grenoble
2000-2002: Research Scientist on Solid Oxide Fuel Cell development at CEA Grenoble
1991-1999: Research Scientist on nuclear materials, on zirconium alloy's metallurgy under irradiation at CEA Grenoble
1989-1990: Research Scientist on Aluminium and Magnesium alloys corrosion behaviour at PECHINEY research Centre in Voreppe (France)

Education:

2018 - Validation of the annual cycle of the Institute for Advanced Studies in Science and Society (IHEST)
1997 - Habilitation, INPG, in the field of Materials and Processing
1989 - PhD in Material Science, INSA Lyon, (cum laude)
1985 - Master of metallurgy, INPG, Grenoble, (cum laude)
1985 - Engineer Diploma INPG ENSEEG / PHELMA – Material science

Field of expertise:

Material science and electrochemistry applied to Hydrogen Energy (fuel cells, electrolysis, hydrogen storage and transport) and nuclear materials

Scientific productions and recent commission of trusts:

- 50 publications in peer-reviewed journals and 25 conference communications, h-index 20 (WOS)
- Supervision of 10 master thesis and 11 PhD thesis
- Coordination of 2 EU projects and WP leader in 4 EU projects
- Member of the Review Panel of the Helmholtz Center FZ Jülich "Research Field Energy" (2018)
- Member of the European Research Council review panel PE8 on « Materials and Processes Engineering » since 2012
- Member of the editorial board of the « Fuel Cell » journal (2014 to 2018)
- Chair of the « Scientific Committee » of the Fuel Cell & Hydrogen Joint Undertaking (JTI) –2013 (elected)
- Chair of the 10th European SOFC Forum, 26 – 29 June 2012, Lucerne, Switzerland
- Vice-Chair of the « Scientific Committee » du Fuel Cell & Hydrogen Joint Undertaking (JTI) 2009-2012 (elected)
- Member of the European road mapping exercise "Materials for the SET Plan" (2011) in charge of material needs for Hydrogen production, storage and conversion in fuel cells
- Title of International Expert of CEA in the field of Materials for Hydrogen Energy (2010)

² Alliance of 10 Academic Laboratories in Grenoble area with CEA-Liten in the field of renewable energies