

Fuel Cells & Electrolysers

Energy for the future

The aim of this workshop is to cover, as much as possible, all the levels of innovation: from basic research to the final product, highlighting recent advances in intermediate and high temperature fuel-cells and electrolysers.

The organizers have invited industries to know what are their problems and necessities, so that we can propose several solutions and discuss what is the best for each applications.

Not only industry will expose their own wishes but also researchers will expose their drawbacks and listen to different proposals to solve reported problems.

You are invited to come and join us!



Venue: IREC, Jardins de les Dones de Negre 1,
2nd floor, Barcelona.

Date: 7th November 2014

Free Online Inscription Program

9:00-9:15	Registration
9:15-9:30	<i>Welcome</i> Dr. Raúl Benages, XaRMAE developer. IREC, Barcelona
9:30-10:00	<i>The long and winding road to the hydrogen society</i> Prof. Pedro Gómez-Romero ICN2, Bellaterra
10:00-10:20	<i>Issues associated to the operation and control of PEMFC systems</i> Dr. Attila Husar IRI-UPC, Barcelona
10:20-10:40	<i>High temperature electrolysis activities at Technical University of Denmark</i> Dr. Ir. Sune D. Ebbesen, Department of Energy Conversion and Storage Technical University of Denmark
10:40-11:00	<i>Industrialization of multilayer ceramic technology: From the Lab to the large-scale production</i> M. Eng. Francisco Ramos, Head of the R&D&i Department, FAE S.A, L'Hospitalet de Llobregat
11:00-11:30	Coffee-networking
11:30-11:50	<i>Micro-Solid Oxide Fuel Cells: a jump over the Valley of Death</i> Dr. Albert Tarancón IREC, Barcelona
11:50-12:10	<i>Intermediate temperature microtubular SOFCs fabricated by gel-casting</i> Dr. Miguel Morales, Diopma, UB. Barcelona
12:10-12:30	<i>Synthesis of green hydrocarbon fuels using microtubular solid oxide electrolyzers</i> Dr. Miguel Laguna, Universidad de Zaragoza, Zaragoza
12:30-13:00	<i>Enabling nanomaterials for Solid Oxide Cells</i> Dr. Marc Torrell IREC, Barcelona
13:00-13:20	<i>Intermediate temperature SOFCs based on proton conducting electrolytes</i> Dr. Anna Magrasó, ICN2, Bellaterra