



SEMINARS

INTERREG SUDOE PROGRAMME SEMINAR, Madrid, February 1st, 2017

The Spanish partners of the project PEMFC SUDOE (University of Cantabria, Ariema Energy, Apria Sysytems and Nannoinova) attended together with their first level controllers to the seminar, "INTERREG SUDOE: PROJECT FIRST CALL" First Level Control System, held by this Ministry the day 1 of February of 2017 in Madrid, Paseo de la Castellana 162.



PROJECT ANNUAL MEETING



Annual Meeting, June 23rd, 2017

The PEMFC-SUDOE European Project 2017 annual meeting took place on June 23rd, 2017 in Porto (Portugal).

The meeting was organized by the partners of the U. Porto and coordinated by Alfredo Ortiz (UC). Project partners presented the progress made during the first year of the project.

DIFUSSION ACTIVITIES

Interview, November 2017

PEMFC-SUDOE partners from APRIA Systems and Ariema were interviewed by the Spanish newspaper "La Expansión". The interview was focused on their participation in the project.





CONGRESSES & CONFERENCES

7th FDFC 2017

LEPABE, group of Uporto, attended the 7th International Conference on "Fundamentals & Development of Fuel Cells, celebrated in Stuttgart (Germany), from January 31st to February 2nd, 2017, where they presented their work "Polyol synthesis of graphene supported platinum electrocatalysts for Polymer Electrolyte Membrane Fuel Cells".



INTERPORE 9th International Conference on Porous Media

Marc Prat and Pierre Carrère from INP Toulouse, attended the "9th International Conference on Porous Media" organized by InterPore on May 8 -11 2017 in Rotterdam, Netherlands. Pierre Carrère presented the poster "Pore network simulation of water condensation. Application to gas diffusion layer of PEMFC". This poster presented the numerical model which has been developed at IMFT to deal with water management in PEMFC.

MEMPRO 6

René Peinador gave the lecture "Use of fluid-fluid porometer to characterize MF-UF membranes and wettability capillary behavior



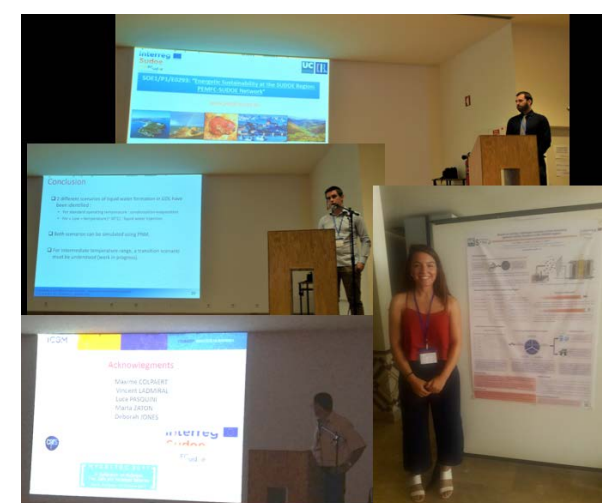
of gas diffusion layers from PEM fuel cells", during the celebration of the Intégration des membranes dans les procédés, in France on June 7-9, 2017.

HYCELTEC



From June 19th to June 23rd, 2017 took place the scientific meeting Hyceltec 2017 - VI Symposium on Hydrogen, Fuel Cells and Advanced Batteries in Porto (Portugal), where several partners from PEMFC SUDOE project presented to the international scientific community the progress on the project.

Dr. Alfredo Ortiz (UC) participated in a special session on European projects with the talk "Energetic Sustainability at the SUDOE Region: PEMFC-SUDOE Network". Prof. Bruno

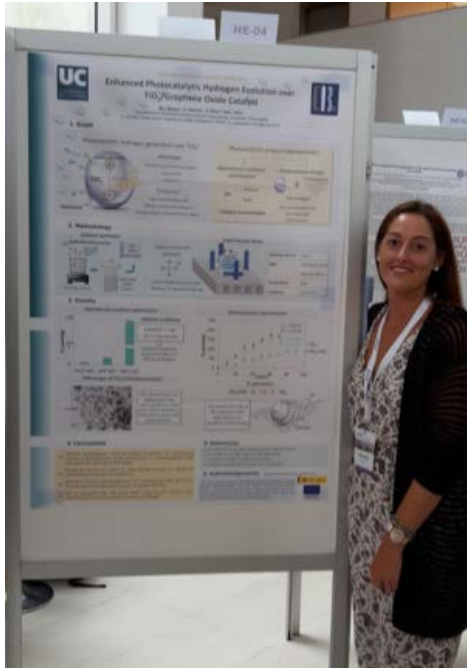


Ameduri (CNRS) gave the talk "Revisiting the Radical copolymerization of Vinylidene Fluoride with Perfluoro (4-methyl-3,6-dioxaoct-7-ene) sulfonyl fluoride". Mr. Pierre Carrère from INP Toulouse made an oral presentation "Liquid water in Gas Diffusion Layer of PEMFC: Insights from Pore Network Simulations" and Mr. Tiago Lagarteira from UPorto and Ms. María Yañez (UC) presented the posters entitled: "Towards developing catalysts and electrodes with increased activity, durability and low platinum loading for polymer electrolyte membrane fuel cells" and "Waste-to-energy: Hydrogen recovery from industrial waste gaseous streams in the SUDOE region". Moreover, researchers from Universidade do Porto presented a poster entitled "Effects of surfaces wettability on the two-phase flow in the cathode gas channels of a PEM fuel cell".



CONGRESSES & CONFERENCES

ANM 2017

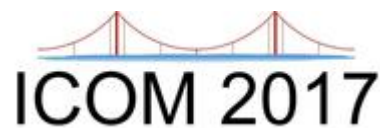


9th International conference on Advanced Nano Materials
 3rd International conference on Advanced Graphene Materials
 2nd International conference on Advanced Magnetic and Spintronics Materials
 1st International conference on Advanced Polymer Materials and Nanocomposites

19-21 July 2017
 University of Aveiro, Aveiro - Portugal

On 19-21 July 2017, 9th International Conference on Advanced Nano Materials ANM2017 was held in Aveiro (Portugal). Maria J Rivero presented the communication entitled Enhanced Photocatalytic Hydrogen Production over TiO₂/Graphene Oxide Catalyst, showing part of the results obtained in the workpackage no 1 carried out in the University of Cantabria within the PEMFC-SUDOE -SOE1/P1/E0293 project.

ICOM 2017



Alfredo Ortiz, from the University of Cantabria attended 11th International Congress on Membranes and Membrane Processes, celebrated in San Francisco, California, USA, last July 29th - August 4th, 2017. Alfredo gave the oral presentation entitled “Fuel cell performance of membrane electrode assembly based on innovative polymeric ionic liquids”.

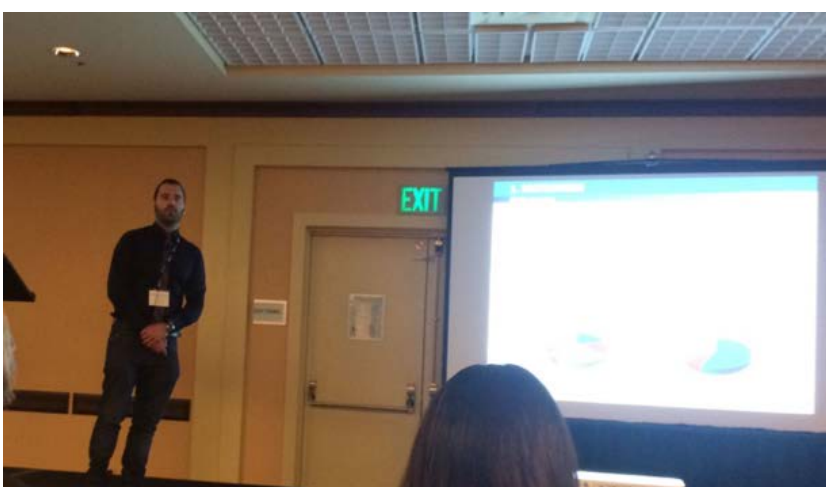


FRANCO FILT 2017

Rober Ben Aim and René Peinador, from IFTS (France), attended the Francofilt 2017 celebrated in Bordeaux (France) from 29 to 31 August 2017, where they presented the work “Utilisation de la porosimétrie bi-liquide pour caractériser les membranes MF/UF et étudier les phénomènes capillaires et de mouillage des membranes de piles à combustible”.



IBERCONAPPICE



Alfredo Ortiz, from the University of Cantabria, participated in the Ibero-American Congress on Hydrogen and Fuel Cells - IBERCONAPPICE 2017 held in Huesca from 17 to 20 October 2017. He presented the following Communication in Oral Session: “Supply chain optimization of hydrogen recovery from industrial gaseous waste streams at SUDOE region.”