

Announcement: International School “Progress in Hydrogen Safety”

The International School “Progress in Hydrogen Safety” within HYLANTIC project “Atlantic Network for Renewable Generation and Supply of Hydrogen to promote High Energy Efficiency” will be held in Belfast (UK) next March 11-15, 2019. The event is organised by Ulster University in close collaboration with other partners of the HYLANTIC project.

The school aims at dissemination of beyond the-state-of-the art knowledge in hydrogen safety, innovative safety strategies and engineering solutions, and building stronger ties between industry, academia, regulators and standard development

organisations. This is an excellent training opportunity to meet and communicate with world leading experts in hydrogen safety. The programme and more information about the school is available at:

<https://www.ulster.ac.uk/conference/progress-in-hydrogen-safety>



Final Degree Project, University of Cantabria



The student of the Chemical Engineering Degree of the University of Cantabria, Sergio San Martín, develops his final degree project in the frame of the European project HYLANTIC, under the supervision of Dr. Alfredo Ortiz, coordinator of the european project. The final degree project was entitled “Start-up and characterization of a lab scale electrolyzer under different operational conditions”.

Summer Course: JESS 2018

Rafael Ortiz, researcher of HYLANTIC project, attended to the “Joint European Summer School on Fuel Cell, Electrolyser and Battery Technologies (JESS 2018)” from 9 to 21 of September 2018 in Athens, Greece. The summer school consisted on various topics and Rafael participated on “Low Temperature Fuel Cells and Electrolysers (PEFC, alkaline & PEM)” in the first week and “The Modelling Master Class” in the second week. JESS 2018 was organized by the University of Birmingham, the Technical University of Denmark (DTU), Forschungszentrum Jülich and Ulster University.



European Researchers Night 2018

On September 28th, 2018 the European Researchers Night took place. HYLANTIC project was present during the event organized by the University of Cantabria at the Porticada Square in Santander. Rafael Ortiz, researcher of the University of Cantabria team, presented the poster to the audience and delivered the project brochure to contribute to the diffusion activities of the project.

Dissemination Activities



On October 23rd, 2018 Gema Pérez, researcher of the European project “Atlantic Network for Renewable Generation and Supply of Hydrogen to Promote High Energy Efficiency – HYLANTIC”, was interviewed by the local newspaper “El Diario Montañés”, within more researchers of the University of Cantabria, in relation with their contributions to the science dissemination activities.

Seminar: Lloyd’s Maritime Academy



16:15 - 16:45 30 mins

Hydrogen fuel cells for Maritime Applications

This session explores the potential of utilising hydrogen fuel cells, alongside batteries, for maritime applications resulting in ships that are truly zero emissions at point of use.

Members of Auriga presented the case for “Hydrogen

Fuel Cells for Maritime Applications” at Lloyd’s Maritime Academy “Electric & Hybrid Propulsion Seminar”, that took place in October 2018.

Congress: Chempor 2018



D.L. Silva, H. X. Nunes, C.M. Rangel, A. M. F. R. Pinto, researchers from U Porto and LNEG presented their contributions “Catalytic hydrolysis of sodium borohydride for Hydrogen synthesis: Study of reaction by-products” and “The effect of Ni-Ru supported catalyst on sodium borohydride catalytic hydrolysis for Hydrogen

generation”, in the 13 International Chemical and Biological Engineering Conference - Chempor 2018, celebrated in Aveiro (Portugal) on October 4-8, 2018.

Follow-up Meeting, Brest, France

The second follow-up meeting of the European Project “Atlantic Network for Renewable Generation and Supply of Hydrogen to promote high energy efficiency – HYLANTIC” was held in Brest (France) on November 6th, 2018. During the meeting fifteen partners from different institutions of the Atlantic area presented their progresses in the project and discuss about the future actions to be done before next meeting, that will take place in Belfast next March 2019.



Publications

L. O’Reilly, Q. Pan, N. Das, K. Wenderich, J. P. Korterik, J. G. Vos, M. T. Pryce, A. Huisjer. **Hydrogen-Generating Ru/Pt Bimetallic Photocatalysts based on phenyl-phenanthroline peripheral ligands.** ChemPhysChem 2018, 19, 1-9, 2018. DOI: 10.1002/cphc.201800658.

