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FEBRUARY 2015

NEWSLETTER

Centro de Recursos Naturais e Ambiente

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6th International Conference on Medical Geology (MedGeo 2015)

CERENA will take part in the Organization of the 6th International Conference on Medical Geology (MedGeo 2015), which will be held from 26th July – 1st August 2015 at Aveiro University, Portugal.

MEDGEO 2015 conference bring together researchers and decision makers from the physical sciences and the medical sciences who are interested in solving health problems caused by natural processes and materials. The participants of the conference will convey expertise in a range of scientific fields, such as geochemistry, biology, engineering, geology, hydrology, epidemiology, chemistry, medicine, nutrition and toxicology.

For more details please go to the conference website at <http://medgeo15.web.ua.pt/>

CERENA in the FCT's Projects proposals last January

CERENA's members participated in 32 proposals in the last call from FCT requesting a global fund of 5.7 million of euros. Among those 17 has the leadership of one CERENA's member. In total the value claiming to the IST-ID is around 2.8 million of euros. Some other participation not yet counted was verified in other projects proposed by PI's from other Research Center inside of IST-ID. The CERENA's Executive Board wish all the best in the evaluation process.

"Review of Remediation Plans and Activities for Uranium Mining and Milling Sites", Vienna (9 – 13 March 2015)

**IAEA**

International Atomic Energy Agency

Maria de Lurdes Dinis was nominated by the International Atomic Energy Agency, IAEA, and by the Portuguese Embassy to participate in the Technical Meeting on Project B.1. on "Technical Meeting on Project B.1 on "Review of Remediation Plans and Activities for Uranium Mining and Milling Sites", Vienna (9 – 13 March 2015).

NanoIndEx workshop in Grenoble, France

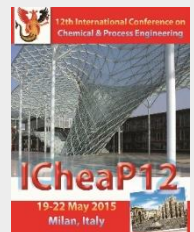


Prof. João Gomes participated in the NanoIndEx workshop, that took place in Grenoble, France, where established contacts resulted in the recent submission of an European project proposal entitled CERSAFE: SAFE PRODUCTION AND USE OF NANOMATERIALS IN THE CERAMIC INDUSTRY, within ERANET SIINN, having CERENA as partner.

Course on Spatial Data Analysis for Social Sciences and Environment

Between 6 and 17 July 2015, it will be held at CERENA the course on SPATIAL DATA ANALYSIS FOR SOCIAL SCIENCES AND ENVIRONMENT. The course introduces a set of methods of Multivariate and Spatial statistics and is divided into four independent modules, which students can select according to their needs. Each daily session includes a theoretical part (morning) and a practical part (afternoon) to be dedicated to the treatment of case studies proposed by the participants in the course. For more information, see the [BROCHURE](#).

UPCOMING EVENTS



Open Labs 2015 Initiative



From February 2nd to 13th the Chemical Engineering Department will be visited by over 2300 pre-university students from different levels, from basic school to high school, under the Open Labs 2015 Initiative.

The programme of this event, which is organized by CERENA members, includes a presentation of IST and the Chemical Engineering Department and the courses in which this Department is involved in; this presentation is followed by a lecture, by an academic or an industrial speaker and a set of laboratory activities.

Further information can be obtained at quimica.tecnico.ulisboa.pt/LabAbertos or in our facebook page: www.facebook.com/LabAbertos.

The European Symposium of Organic Chemistry (ESOC)



The European Symposium of Organic Chemistry (ESOC) is a biannual event, first held in Cologne (Germany) in 1979. ESOC offers plenary and invited lectures, oral presentations and poster sessions, and brings together experts from Academia and Industry, and students whose research covers Organic Chemistry and related areas. The last ESOC was held in Marseille, France (ESOC18). The 19th European Symposium of Organic Chemistry will now take place in Lisbon, a historical city facing the ocean, near the most occidental point of the European continent. The colleague João Bordado is member of the ORGANIZING COMMITTEE. More information in the [ESOC site](#).

International Workshop on CCS in Process Industries



A Joint Workshop organized by IEA Greenhouse Gas R&D Programme (IEAGHG) and IEA Industrial Energy-related Technologies and Systems (IETS) will be carried out on 10th-11th March, 2015, at the Representação em Portugal da Comissão Europeia, Largo Jean Monnet, 1-10º, PT-1269-068 Lisboa.

This workshop should initiate the discussion among the different industrial sectors to identify the key challenges to the future deployment of Carbon, Capture & Storage (CCS) in the process industries. The target groups for this workshop are energy and environment experts in industry, national and international policy makers, and researchers in the area of industrial CCS.

More Information at [gnip webpage](#).

Paper Published

Multivariate near infrared spectroscopy models to monitor polycondensation production process reactions

[Helena I. Mota](#), [Maria Joana Neiva Correia](#), [João C.M. Bordado](#). MULTIVARIATE NEAR INFRARED SPECTROSCOPY MODELS TO MONITOR POLYCONDENSATION PRODUCTION PROCESS REACTIONS, European Polymer Journal, 66 (May2015), 12-17. The paper is available online [here](#) until March, 26