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APRIL 2015

NEWSLETTER

Centro de Recursos Naturais e Ambiente

www.cerena.pt



Professor Luís Aires-Barros awarded with the grade of Grand Officer of the Military Order of Sant'ago da Espada



Prof. Luís Aires-Barros, was awarded by the President of the Portuguese Republic, on the 14.April. 2015, with the grade of Grand Officer of the Military Order of Sant'ago da Espada. In this ceremony other individualities linked to Higher Education and also the Faculty of Law of Lisbon University were awarded either with the Military Order of Sant'ago da Espada or with the Order of Public Education.

The Military Order of Sant'ago da Espada is intended to distinguish the literary, scientific and artistic merit, whereas the Order of Public Education is intended to reward high services to the cause of education and teaching.

Prof. Luís Aires-Barros is Full Jubilee Professor of IST and President of the Geographical Society of Lisbon and the Sciences Academy of Lisbon. Prof. Aires-Barros was President of the former CEPGIST and responsible of the Laboratory of Mineralogy and Petrology of IST (between 1964 and 2001). Is author of about 250 scientific papers published in national and international journals and of several books.

For more information: <http://www.presidencia.pt/?idc=22&idi=91726>

3rd Symposium on Subsoil Characterization and Remediation



3rd Symposium on Subsoil Characterization and Remediation

The goal of this initiative, which is associated with CERENA, aims to raise awareness of what has been done and to identify opportunities for environmental management and mitigation of the subsoil by promoting the exchange of experiences among scientists, engineers, pre and post-graduate students, professionals and regulatory authorities connected to the area of contamination and rehabilitation of soil and groundwater. This event will take place on September 7th, 2015 at FEUP.

Deadline for abstracts submission, May 31st, 2015.

The Scientific Committee of the 3rd Symposium on Subsoil Characterization and Remediation (SSCR) is pleased to invite you to submit an abstract for an oral presentation within the following themes:

Subsoil Characterization

Risk Assessment Management

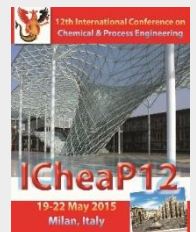
Chemical / Biological Remediation

Physical / Thermal Remediation

Environmental liability/ Legal aspects

More Information in: <http://sscr2015.weebly.com/>

UPCOMING EVENTS



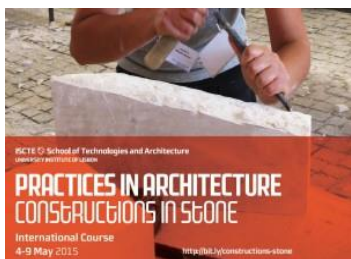
[CERENA's Seminar on May, 8 at 16h in PA2](#)

Fate and Bioremediation of Halogenated Organic Compounds.

Halogenated organic compounds have been used in a variety of industries as degreasing agents in industrial processes, dry cleaning facilities, pesticides, flame retardants, etc. Once spilled, these compounds may migrate through the unsaturated zone and penetrate the groundwater where concentrations may exceed levels that are safe to human health. As such, this seminar will focus on different aspects such as the fate of these compounds and developing technologies for their remediation.

Speaker: Anthony Danko, [CERENA's Researcher](#)

[International Course Practices in Architecture – Constructions in Stone](#)



CERENA is sponsoring the International Course Practices in Architecture – Constructions in Stone that will take place from 4 to 9 May 2015.

Amélia Dionísio will participate in the Seminar "Stone Pathology" and also will be responsible for a visit to Museum Alfredo Bensaude where the thematic "Characteristics and applications of stone" will be developed.

For further information:

http://iscte-iul.pt/cursos/curta_duracao/17106/summerschool.aspx

[Synthetic Gas \(SynGas\) through an innovative electrochemical technology](#)

GSYF, Equipamentos para Energia, a Portuguese SME start-up, announces that it has succeeded in the production of Synthetic Gas (SynGas) through an innovative electrochemical technology, GreenSynFuel, based on electricity and carbon. Tests performed by ISEL and LNEG using experimental electrolyzers supplied by GSYF validated this electrochemical process to produce SynGas; the composition of the Gas is suitable to the production of Natural gas and Methanol. The technology is being developed by GSYF in partnership with other Portuguese companies and Research Institutions (ACR Energia, FEUP, ISEL, ISQ and LNEG) and is being financed by national funds to innovation, through QREN/COMPETE.

Further information: Prof. João Gomes – jgomes@deq.isel.ipl.pt

[IO2015- XVII Portuguese OR Conference \(APDIO\)](#)



IO2015- XVII Portuguese OR Conference (APDIO) will be held in the College of Technology and Management of Portalegre Polytechnics Institute, Portalegre, Portugal, from 7 to 9 September-2015.

Articles: about 6-8 pages, in EasyChair and format-Springer for MS Word

Submission: 08-March-2015 | Acceptance information: 03-May-2015. | Final version: 31-May-2015

More information here: <http://www.io2015.iportalegre.pt/> or in here: <http://tiny.cc/iobd-1415>

Paper Published

[“Optimized History Matching with Direct Sequential Image Transforming for Non-Stationary Reservoirs”](#)

M. Helena Caeiro, V. Demyanov and A. Soares “Optimized History Matching with Direct Sequential Image Transforming for Non-Stationary Reservoirs”, Mathematical Geosciences, March 2015 (<http://link.springer.com/article/10.1007/s11004-015-9591-0>).