

Organizer



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Escola Tècnica Superior d'Enginyeria Industrial de Barcelona UNIVERSITAT POLITÈCNICA DE CATALUNYA



Departament d'Enginyeria Elèctrica UNIVERSITAT POLITÈCNICA DE CATALUNYA



UNIVERSITAT POLITÈCNICA DE CATALUNYA



Energy Innovation Endesa-Red Chair

29th and 30th, May 2008

III International Conference on Energy Innovation

Registration

The participation in conferences has a fee of 100 € for professionals and 40 € for students. Registration must be done before the 23th of May by means of the registration form which can be found at <http://www.citcea.upc.edu/jie2008>, or ask for it at citcea@citcea.upc.edu or at the phone number +34 934016727. Once filled in, it should be sent with the bank receipt (all necessary data can be found in the registration form) to the fax number +34 934017433 or to the former e-mail address.

Price includes documentation, meal and coffee-breaks.

Coordination: Rodrigo Ramírez Pisco (ramirez@citcea.upc.edu)

Location



Escola Tècnica Superior d'Enginyeria Industrial de Barcelona ETSEIB
Avinguda Diagonal, 647. Barcelona, Spain
Sala d'Actes
www.cerien.upc.edu
www.citcea.upc.edu

Energy Efficiency and Security



Presentation

CITCEA-UPC wants to establish, as in the past years, a forum where everybody interested in energy innovation can participate. For this reason, these conferences will gather the audience together so that it will be possible to share their experiences and their future expectations.

This year, the conference core will be energy efficiency and security. Topics will be analyzed from different points of view: technical issues, financial and regulation aspects. Current issues for energy sector and civil society will be discussed as well. Therefore, experts from the university, institutions and companies from different countries will be invited to speak.

The aim of this conference is to encourage all the experts and professionals interested in Energy innovation to take part in: electrical utilities, renewable energies companies, institutions and any industry where energy is an important issue to be considered, technology transfer centers, research centers, departments, doctorates and university students.

Due to its international nature, languages that will be used are English, Catalan and Spanish.



Conference Sessions

Technical Challenges

- 09:00-09:30 Conference Registration
09:30-10:00 Opening session with:
Antoni Giró, UPC Rector
Francesc Roure, ETSEIB Director
Josep Maria Esteve, Endesa-Red General Vice-chairman of Operations.
Antoni Sudrià, CITCEA-UPC Director
- 10:00-11:45 Technical session. Aníbal T. Almeida, Coimbra's University (Portugal). "*Electricity end use efficiency in the residential sector*".
11:45-12:15 Coffee-break
12:15-13:45 Juan Carlos Brandao, Endesa Environmental Vice-chairman for Europe and Latin America. "*Energy efficiency within the framework of the Clean Development Mechanism (CDM) of the Kyoto's Protocol*".
13:45-16:00 Lunch
16:00-16:45 Angelo Baggini, University of Bergamo, Leonardo Power Quality Initiative (LPQI). "*International standardisation activities on energy efficiency*".
16:45-18:00 CITCEA-UPC Tutorial sessions:
S1. Roberto Villafáfila. "*Superconductivity as alternative to power transmission and distribution*".
S2. Samuel Galceran. "*Substation monitoring system based on IEC 61850 standard*".
S3. Guillermo Martín. "*Photovoltaic array emulator*".
S4. Quim López. "*Accumulator charging unit for hybrid motor vehicles*".
18:00-19:00 2005-2007 CERIEEN Report Activities session and Welcome party

Instruments for Energy Security and Efficiency

- 09:30-10:30 Juan Alario, European Investment Bank (EIB) Associate Director and Head of Division, Energy Efficiency and Renewables. "*Financing of low-carbon energy technologies*".
10:30-11:30 Joan Frau, Endesa. "*EFFITRAFO: Amorphous core technology versus conventional technology in distribution transformers. Pilot Project in ENDESA*".
11:30-12:00 Coffee-break
12:00-12:45 Jordi Dolader, Mercados EMI President. "*Energy policy and energy efficiency*".
12:45-13:30 Antonio Martínez, IREC.b_TEC. "*Energy efficiency within the IREC's framework in Catalonia*".
13:30-14:00 Closing session with Xavier Gil, UPC Vicerector.



29th May

30th May