

## Energy Optimization in Industry and the Reduction of CO<sub>2</sub> Emissions

### Programme

Lispolis, Auditório do Fórum Tecnológico, Lisbon, Portugal  
**November 3<sup>rd</sup>, 2010**

<b>Welcome Session</b>	
9h00	Secretary of State for Energy and Innovation, President of LNEG, President ADENE, President of IAPMEI, President of IST
<b>Session I – Energy Outlook</b>	
9h30	Jayen Veerapen (IEA Secretariat), <i>“The IEA strategic view on the World Energy Outlook”</i> Clemente Pedro Nunes (IST), <i>“Portuguese Energy Outlook”</i>
10h30	POSTER SESSION & COFFEE BREAK
<b>Session II – IEA based International Cooperation</b>	
10h45	Jan Sandvig Nielsen (IETS - Industrial Energy-Related Technologies and Systems) Gabriel Sousa (Industry-based Biorefineries) James Quinn (Excess Heat Recovery) <b>Discussion</b>
<b>Session III (A) – Industrial perspective on the reduction of CO<sub>2</sub> emissions</b>	
12h00	Preto dos Santos (APEB), <i>“The Biomass Based Power Stations and the Reduction of CO<sub>2</sub> Emissions in Portugal”</i>
12h30	LUNCH BREAK
<b>Session III (B) – Industrial perspective on the reduction of CO<sub>2</sub> emissions</b>	
14h00	Cândida Felício (GALP), <i>“Hands-on management of the crude oil preheating train”</i> Fernando Mendes (CUF), <i>“Integração Energética na Etapa de Purificação da Anilina”</i> Luís Machado (Instituto RAIZ), <i>“The Problematic of Excess Heat and Water usage on Pulp and Paper Industry”</i> Isabel Cabrita (LNEG), <i>“CO<sub>2</sub> and NO<sub>x</sub> emission reduction in Combustion Systems”</i> <b>Discussion</b>
15h30	POSTER SESSION & COFFEE BREAK
<b>Session IV – R&amp;D projects on Energy Efficiency</b>	
16h00	Rui Barbosa (FCT-UNL), <i>“Study of the valorization of ashes produced in a thermoelectric power plant, working under co-combustion of coal and biomass, and in a pulp and paper industry”</i> Jaime Puna (ISEL/IST), <i>“Biodiesel production with heterogeneous catalysts: a new challenge to bioenergy”</i> Rui Ribeiro (FEUP), <i>“Electric Swing Adsorption for CO<sub>2</sub> capture”</i> Henrique Matos (IST), <i>“Process Integration as tool to increase the Industrial Energetic Efficiency”</i> <b>Discussion</b>
<b>Round Table – “The role of IEA in the novel Energy Strategy”</b>	
17h15	Clemente Pedro Nunes, Luís Mira Amaral, Jan Sandvig Nielsen, James Quinn, Kevin Jonasson, Jayen Veerapen
<b>Closing Session</b>	
18h00	Director General for Energy and Geology

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## Registration Form

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### Registration Information\*

\* Required

Name

Address

Postal Code

Country/City

Tel./Fax

Email

### Conference Fee and Payment\*

Without Lunch

GNIP (free)

Identify the Organization

Student (free)

Identify the University

Others (20 €)

<input type="checkbox"/>	Bank Transfer – 001000002159571000135
<input type="checkbox"/>	Invoice
<input type="checkbox"/>	Payment in the Workshop

### Contacts

Registration must be electronically submitted ([gintpro@ist.utl.pt](mailto:gintpro@ist.utl.pt)), faxed (+351 21 8417638) or mailed to: Prof. Henrique Matos, (IST/DEQB, Av. Rovisco Pais, 1049 – 001 Lisboa).

Any questions please call: +351 21 841 9166