

About Tarragona

Tarragona is a splendid millenary city, 100 km to the south of Barcelona with a population of 130,000 inhabitants. It presides, due to its importance and beauty, the entire area of the Costa Dorada. It was the origin of the Romanization of the Iberian Peninsula and afterwards of its Christianization. It boasts a unique Roman and medieval monumental collection.



The congress centre and the exhibition centre are in the centre of the city. The location of these two buildings make possible an easy access from the railway station (at 100 m), from the port passengers terminal (at 200 m) and from the Rambla Nova (at 100 m), the latest, the commercial centre of the city.

Tarragona is just 13 km away from the Reus Airport and at 90 km from the Barcelona Airport and well connected by train and road with the main Spanish cities.

Organisation

Local organising committee

A. Coronas, CREVER, Universitat Rovira i Virgili, Tarragona, Spain

J.C. Bruno, CREVER, Universitat Rovira i Virgili, Tarragona, Spain

J. Ortiga, CREVER, Universitat Rovira i Virgili, Tarragona, Spain

M. Puig-Arnavat, CREVER, Universitat Rovira i Virgili, Tarragona, Spain

Universitat Rovira i Virgili - CREVER
Mechanical Engineering Department
Avda. Paisos Catalans, 26
43007 - Tarragona - Spain
Phone: + 34 977 25 78 91
Fax: +34 977 55 96 91
Email: crever@urv.cat

Conference Fee

Fees cover the admission to all sessions, invitation to all coffee breaks, conference lunch, a dinner, the CD-Rom of the conference proceedings.

Conference fee
If registered until 28th February 350€
If registered after 28th February 450€

Member of supporting organizations:
If registered until 28th February 300€
If registered after 28th February 400€

Reduced fee for presenters: 200€

Registration

Via the website: www.polygeneration.net

Conference venue and dates

Palau Firal i de Congressos, Tarragona, Spain
Arquitecte Rovira, 2
43001 Tarragona
March 30th - April 1st, 2011



Contact information

Dr. Joan Carles Bruno
Phone: + 34 977 25 78 91
Fax: +34 977 55 96 91
Email: crever@urv.cat

Universitat Rovira i Virgili - CREVER
Mechanical Engineering Department
Avda. Paisos Catalans, 26
43007 - Tarragona - Spain

Web site of the conference:

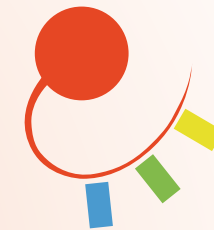
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UNIVERSITAT ROVIRA I VIRGILI

CALL FOR PAPERS



ECP 2011

2nd European Conference on Polygeneration: Technologies and perspectives

Palau Firal i Congressos
Tarragona, Spain

March 30th - April 1st, 2011

Organisation by



UNIVERSITAT ROVIRA I VIRGILI



CREVER

www.polygeneration.net

Conference presentation

Energy and the environment are two crucial issues for the world's sustainable development. At present the global economy is heavily dependent on the supply of crude oil, which is limited and associated with different kinds of environmental and strategic risks. Development of efficient new technologies using renewable energy sources is one of the key issues for sustainable growth of modern societies for the future. Polygeneration is a relatively new concept which has the potential to improve the efficiency of energy supply systems, while at the same time integrate seamlessly with the use of renewable energy sources for the delivery of the required energy in buildings or industries.

Polygeneration is the central topic of this conference and refers to the combined production of electricity with heat, cold and other useful products as it includes conventional cogeneration, trigeneration, as well as technologies for producing fuels and other value-added products such as potable water.

The 2nd Polygeneration Conference is organized in the framework of the EU Research and Demonstration project named POLYCITY, to share the knowledge and results of the different CONCERTO projects and to promote discussion and exchange between scientists, industry and users of efficient products and technologies not only from Europe, but also from all over the world.

The CONCERTO initiative, launched by the European Commission, is a Europe-wide initiative proactively addressing the challenges of creating a sustainable future for Europe's energy needs. Today, under this initiative there are a total of 58 communities in 22 projects, each working to deliver the highest possible level of self-supply of energy.

We hope that this conference will continue the success of the previous conference in 2007 and contribute to the international exchange of new ideas and projects on polygeneration technologies able to reach the goals of the future for clean and energy efficient technologies.

Programme

The programme for this conference will comprise of:

- Keynote lectures
- Oral presentations
- Posters

Language of the conference will be English



Call for Papers

Topics of the Conference

Papers are invited on the followings topics:

Polygeneration technologies based on solar energy

- Solar based energy systems for the production of power, heating and cooling
- Integration of solar energy systems with District Heating and Cooling networks
- Integration into the energy supply system of buildings

Polygeneration technologies based on biomass

- Biomass combustion
- Gasification of biomass for the production of power, heating and liquid fuels
- Use of biogas, landfill gas and liquid biofuels in polygeneration
- Production of hydrogen from biomass

High efficiency co- and trigeneration systems for polygeneration

- High efficiency trigeneration systems using conventional primary energy sources
- Advanced cogeneration technologies (internal combustion engines, micro gas turbines, Stirling engines, ORC, etc)
- Fuel cells and other hydrogen based technologies
- Advanced thermally driven chillers heat pumps and heat transformers

Polygeneration systems for the supply of water

- Polygeneration systems producing energy services and water
- Desalination and water treatment technologies for polygeneration systems
- Heat transformers and Heat Pumps assisted water treatment processes

Conference deadlines

All accepted papers will be published on CD-ROM.

Deadline for abstracts: December 15, 2010

The abstract should clearly state the objectives, methods, results and conclusions (full title, author's full name, affiliation, address, phone/fax/e-mail, name and affiliation of co-authors, topic, kind of presentation (oral or poster), a brief summary including the purpose, methods, approach, results and conclusions of the presented work. Abstract (maximum 500 words) must be e-mailed as an attached doc file to the Scientific Conference contact.

Notification of acceptance: January 7, 2011

The corresponding author will be notified about acceptance of the abstract.

Deadline for full paper: February 28, 2011

The full paper manuscript (maximum 8 pages) must be e-mailed as attached file in doc. and pdf. format to the Scientific Conference contact. The full paper manuscript must be adherent to the instructions posted in the Conference web-site.

Selected papers will be published after peer review in a Special Issue of Applied Thermal Engineering; An International Journal published by Elsevier

Conference Chairman

A. Coronas

CREVER, Universitat Rovira i Virgili, Tarragona, Spain

Keynote Speakers

J. Ahrenfeldt

National Laboratory for Sustainable Energy, Riso DTU, Denmark

J. Blanco

Plataforma Solar de Almería, CIEMAT, Spain

K. Hennecke

DLR, Cologne, Germany

F. Marechal

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

B. Mohanty

Asian Institute of Technology, Bangkok, Thailand.

K. C. Ng

National University of Singapore, Singapore

J. Paris

École Polytechnique de Montréal, Montreal, Canada

H. Pérez-Blanco

Penn State University, Philadelphia, USA

R. Radermacher

CEEE, University of Maryland, Washington, USA

B. B. Saha

Kyushu University, Fukuoka, Japan

R. R. Sonde

Center for Research, Technology & Innovation, Center Thermax Ltd, Pune, India

F. Ziegler

Technische Universität Berlin, Berlin, Germany

Scientific Committee

R. Best

Centro de Investigación en Energía, UNAM, Temixco, México

J.C. Bruno

CREVER, Universitat Rovira i Virgili, Tarragona, Spain

A. Coronas

CREVER, Universitat Rovira i Virgili, Tarragona, Spain

U. Eicker

Stuttgart University of Applied Sciences, zafh.net, Stuttgart, Germany

K. Hennecke

DLR, Köln, Germany

H. Pérez Blanco

Penn State University, Philadelphia, USA

B. B. Saha

Kyushu University, Fukuoka, Japan

S. Srinivasa Murthy

Indian Institute of Technology Madras, Chennai, India

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