

5th International Renewable Energy Storage Conference (IRES 2010)

The global renewable energy potential enables us to achieve an all-encompassing substitution for fossil fuels and nuclear energy in the fields of heat, electricity and mobility.

This substitution requires a complementary mix of intermittent and dynamic sources of renewable energy, power grids and grid management tailored to the needs of renewable energy generation, and of course the storage of heat and electricity for different timescales, performance levels and applications.

Ground breaking opportunities will thereby emerge for the dynamic exploitation of renewable energy in manifold energy-autonomous forms: for enterprises, in residential construction, residential developments, cities, regions and countries. Herein

also lies the chance of achieving numerous technological innovations along with new prospects for the industries.

In 2006 EUROSOLAR and the World Council for Renewable Energy (WCRE) started the IRES conference series, intended to contribute to the developments in energy storage and to popularize the resulting applications and solutions. The view in the professional energy storage world is that IRES has meanwhile developed into the central platform for sharing knowledge and exchanging ideas on one of the key issues of future energy supply.

Because of its huge success IRES will take place for the fifth time in November this year. We would be delighted to welcome you at IRES 2010 in Berlin.



Hermann Scheer
Member of the German parliament
President EUROSOLAR
Chair WCRE
(Conference Chair)



Wolfgang Palz
Chair WCRE



Dirk Uwe Sauer
RWTH Aachen University
(Scientific Conference Chair)



5th International Renewable Energy Storage Conference (IRES 2010)

November 22–24, 2010

SEMINARIS CampusHotel Berlin, Science & Conference Center, Berlin/Germany

The programme will focus on:

- Storage solutions for electricity, heat and mobility (electrochemical, electrostatic, electromechanical, electrodynamic, chemical, thermal and thermochemical)
- Technology overviews and comparisons
- Storage systems for stationary and mobile applications and how they are connected to the power grid
- Off-grid and micro-grid systems
- Hybrid and combined renewable energy (virtual) power plants and smart grid concepts
- The need for storage capacity – scenarios and estimations covering the full range of applications
- Strategies for systems with a high share of renewable energy and 100% renewable energy systems
- Market entry strategies and associated business and cost models for the operation of storage systems and hybrid and combined renewable energy power plants under different economic and technological frameworks
- **High temperature storage for Concentrating Solar Power (CSP)**
- **Heat storage for industrial applications**
- **Solutions for self-consumption of photovoltaic energy**
- **And in particular storage systems already in operation and the practical experience gained from them**
- **Energy storage workshops and an excursion, day three of the conference (morning)**

Conference Registration

I hereby submit a binding registration for the
5th International Renewable Energy Storage Conference (IRES 2010)

Registration fee plenary Nov 22-23, 2010
if registering before October 1, 2010

_____ 650,00 €uro
 EUROSOLAR/WCRE members 475,00 €uro
(Membership number _____)

Registration fee plenary Nov 22-23, 2010
if registering after October 1, 2010

_____ 750,00 €uro
 EUROSOLAR/WCRE members 575,00 €uro
(Membership number _____)

Registration for energy storage workshops and excursion, day three of the conference (morning) starting July 2010.

Please complete and send the registration form to:

Account no. 40 42 50, Sparda Bank West eG, Branch Sort Code 370 605 90, IBAN DE98 3706 0590 0000 404250, BIC GENODED1SPK, reference details: IRES 2010 + name

Name _____

Organisation _____

Street _____

Postcode, City _____ Country _____

E-mail _____ Phone/Fax _____

Date _____ Signature _____

Please fill in the registration form and send it to

EUROSOLAR, Kaiser-Friedrich-Str. 11, D-53113 Bonn/Germany
Phone: +49-(0)228-362373 or 362375
Fax: +49-(0)228-361279 or 361213
IRES@eurosolar.de, info@eurosolar.org
www.eurosolar.org, www.wcre.org



Online registration and further information: www.eurosolar.org

Registration terms and conditions: The registration fee includes conference materials, lunch and beverage breaks and a dinner. Once we have received your registration you will be sent a confirmation. If you need to cancel after registering (only accepted in written form) we charge a handling fee amounting to 50 % of the registration fee. No-shows or registrants who cancel on the day of the conference will be charged for the full registration fee. You may transfer the registration to a substitute attendee without additional cost. The organizers reserve the right to change the programme should circumstances so require.

Venue: SEMINARIS CampusHotel Berlin, Science & Conference Center, Takustraße 39, 14195 Berlin



WCRE
World Council for Renewable Energy



Advance Notification

EUROSOLAR and the World Council for Renewable Energy (WCRE)
invite you to attend the

5th International Renewable Energy Storage Conference (IRES 2010)



November 22-24, 2010
SEMINARIS CampusHotel Berlin, Science & Conference Center
Berlin/Germany

Organizers: EUROSOLAR
World Council for Renewable Energy (WCRE)