# **GENERAL INFORMATION**

# SUBMISSION OF ABSTRACTS

Contributions are welcome to all parallel session topics. The submission of abstracts proceeds via file upload at our website until **October 31, 2012.** More details can be found at:

# www.ICEPE2013.com

The abstract should be 200 words not exceeding one page including figures (max. 512 kB) and should include the title, authors, affiliations and addresses. Detailed guidelines can be found at the conference website. The selection of the presentations (oral and posters) will be based on a review of the abstracts by the Program Committee.

#### Dates to note

Submission of abstracts (< 200 words)</li>
Notification of acceptance
Submission of papers (4 – 6 pages)
Submission of presentations
May 6, 2013

# **Papers**

Review and plenary articles will be provided as a hardbound book published by WILEY-VCH as part of the conference proceedings. The parallel session book with ISBN will be provided afterwards in electronic form. Each contribution will be searchable in the internet.

#### **BACKGROUND**

The conference is organized by the subject division "Energy Process Engineering" of ProcessNet, a joint initiative of DECHEMA and VDI-GVC in the field of chemical engineering. It is the third conference on this issue after two conferences focused on Carbon Capture Technologies in Frankfurt am Main, January 2008 and June 2011. It is hosted by DECHEMA e.V.

# **CONFERENCE WEBSITE**

Full and regularly updated information on the ICEPE 2013 is available on the conference website:

# www.ICEPE2013.com

You are encouraged to visit the website regularly, it will be your best source of information on ICEPE 2013.

#### REGISTRATION

Online registration is possible from mid of January 2013 via the conference website

# www.ICEPE2013.com

Confirmation of registration and the invoice will be sent on receipt of the registration. In general there is no registration deadline as long as free capacity is available.

# REGISTRATION FEE<sup>1)</sup>

Academia, Industry	€ 895
Student, PhDStudent <sup>2)</sup>	€ 335

- 1) No VAT requested acc. to § 4.22 UStG
- 2) Proof of status required

The conference ticket includes the book of review and plenary contributions published by WILEY-VCH, the list of participants and beverages and meals during the breaks.

#### PAYMENT

Fees should be remitted after the receipt of the invoice in favour of DECHEMA e.V. stating the invoice number and the name of the participant to one of the DECHEMA accounts as stated in the invoice. Payment by credit card is also possible.

#### **CANCELLATION AND REFUND**

€ 30,- administrative costs will be charged for cancellations made before May 15, 2013. Thereafter 80% of the registration fee will be invoiced, however, the book of abstracts will be sent. Cancellations must be made via regular mail, fax or email.

### **CONFERENCE VENUE**

DECHEMA Haus Theodor-Heuss-Allee 25 60486 Frankfurt am Main Germany www.dechema.de/location

#### CONFERENCE SECRETARIAT

DECHEMA e.V. Ms Nina Weingärtner Theodor-Heuss-Allee 25 60486 Frankfurt am Main Germany

Phone: +49 69 75 64125 Fax: +49 69 75 64176

Email: weingaertner@dechema.de



# **CALL FOR PAPERS**

June 3 − 6, 2013 Frankfurt am Main · Germany

**3<sup>rd</sup> International Conference** on Energy Process Engineering

# **Transition to Renewable Energy Systems**

www.ICEPE2013.com







INVITATION SPEAKER / SESSIONS SESSIONS

# **INVITATION TO ICEPE 2013**

The 3<sup>rd</sup> International Conference on Energy Process Engineering: Transition to Renewable Energy Systems will be held June 3 – 6, 2013, in Frankfurt am Main/Germany. The conference will provide an excellent opportunity to get in depth information on the major technologies transforming our energy system to renewable energy and to get in touch with decision makers, policy makers and experts from companies, Governments and academia around the world. The focus is on technologies that can be deployed within the next 20 – 30 years in order to achieve the G8 CO<sub>2</sub>-reduction goals of 80 % by 2050. It is designed to cover all technically relevant routes in scientific and technological depth. Each session starts with an invited review lecture followed by presentations of latest research and application highlights, which are open for discussion. Further high quality research results will be presented on posters, which can be discussed with the authors during a poster session. All manuscripts from academia and industry will be reviewed and published in the parallel session book.

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#### WITH SPEAKERS OF

#### From Industry

- » BDI Federation of German Industry, DE
- » Daimler, DE
- » ECOFYS, DE
- » Hyundai Motor Company, KR
- » IOLITEC, DE
- » SINTEF, NO
- » Svebio, SE

#### From Academia

- » German Aerospace Center (DLR), DE
- » International Solar Energy Society (ISES), ZA
- » Juelich Research Center, DE
- » Karlsruhe Institute of Technology (KIT), DE
- » National Renewable Energy Laboratory (NREL), US
- » Oak Ridge National Laboratory (ORNL), US
- » RWTH Aachen University, DE
- » Swiss Federal Institute of Technology Zurich, CH

# **TOPICS**

The objective of the 3<sup>rd</sup> International Conference on Energy Process Engineering is to promote the transforming process to renewable energy systems and to identify strategic, scientific and technological issues in the field of the generation, storage, distribution and utilization of renewable energy, giving answers based on the most advanced state of the art in science and engineering.

#### **PLENARY SESSIONS**

Decision makers in politics, industry, research, and finance will be addressed in dedicated strategic sessions during the conference. Contributions from international experts will focus on the role and path of renewables in the energy economy.

- » Motivation for Transforming to Renewable Energy Systems
- » Strategies for a Transition to Renewable Energy Systems
- » Future Grid Infrastructures
- » Economical & Ecological Perspectives
- » Energy Savings in Industry

#### PARALLEL SESSIONS

#### Power Generation

- Onshore Wind Power
- Offshore Wind Power
- Power Production by Photovoltaics
- Solar Thermal Power Production
- Maritime Power Production
- Hydropower
- Geothermal Power Production
- Future Role of Fossil Power Plants

#### Gas Production

- Chemical Gas Production
- Electrochemical Gas Production
- Photoelectrical Gas Production

# » Biomass and Biofuels

- Biomass Global Aspects and Resources
- Biomass for Power Production
- Biofuels

# » Energy Storage

- Pumped Hydro Storage
- Geological Gas Storage
- Technical Gas Storage
- Advanced Batteries

# » Energy Distribution

- Smart Grids
- Power-to-Gas Technologies

# End-use Technologies

- Sustainable Buildings OECD
- Sustainable Buildings BRICS
- Electromobility

#### Other

- Emerging and Developing Countries