



CALL FOR PAPERS
37th International Energy Workshop
Gothenburg, Sweden, June 19-21, 2018

Deadline for abstracts submission: February 1, 2018

The 37th edition of the International Energy Workshop (IEW) will be hosted by the **Chalmers University of Technology, Gothenburg, Sweden on June 19-21, 2018.**

The IEW (www.internationalenergyworkshop.org) is a leading conference for the international energy modelling community. In a world of environmental and economic constraints, energy modelling is an increasingly important tool for addressing the complexity of energy planning and policy making. The IEW provides a venue for scholars and researchers to compare quantitative energy projections, to understand the reasons for diverging views of future energy developments, and to observe new trends in global energy supply and demand.

Chalmers University of Technology is a major technical university in Sweden. Chalmers has developed leading research in the areas of climate and environmental sciences, energy supply technologies and materials science. The programme committee members are faculty within the divisions of Physical Resource Theory and Energy Technology, Department of Space, Earth and Environment. The Physical Resource Theory (PRT) has an overall focus on developing knowledge for transitions to a sustainable future with a high quality of life for the global community. The research focuses on the interactions between technology, society and nature. Systems perspective is used to perform interdisciplinary research including theory development, mathematical modelling, as well as quantitative and qualitative analysis. The Division Energy Technology (ET) conducts research and development on energy technologies and energy systems. Current research projects and activities cover a wide range of issues related to energy transformation and how to limit the environmental impact. The research comprises experimentally based research on combustion and gasification, process analysis as well as energy systems studies with focus on the electricity and heating systems. Both PRT and ET aspire to pursue an active engagement and dialogue with society, through education, stakeholder interaction and support to decision makers.

Call for Papers - *The deadline for paper submission is February 1st, 2018*

Researchers and practitioners from countries around the world are invited to submit original papers with new and innovative results on scientific, technical and practical experience on the economics of energy and climate systems. As is customary for the IEW, papers should be quantitative and rigorous. A (non-exclusive) list of potential conference topics is:

- Post Paris climate policy and implementation approaches for Nationally Determined Contributions
- Energy and climate systems with a focus on adaptation and mitigation strategies
- Economics of renewable energy technologies and options to increase system flexibility
- Modelling sustainable systems and meeting sustainable development goals
- Energy demand and supply, and energy efficiency
- Modelling from the supply chain perspective
- Socioeconomics of the energy transition
- Addressing uncertainties in the transformation of the energy system
- Feasibility of large-scale investments such as the hydrogen economy, and bioenergy with carbon capture and storage (BECCS)
- Major transitions in transportation and new modelling approaches

Selected papers will be presented and discussed in thematic and poster sessions, circulated during the meeting, and also posted on the meeting website.

Submission of papers

Full papers or long abstracts (minimum 1000 words) in .pdf format should be **submitted online at www.internationalenergyworkshop.org/meetings-11.html** no later than **February 1st, 2018**.

Please note that paper selection has become increasingly competitive in recent years. Submissions that fully describe a complete analysis are generally more likely to be accepted than long abstracts. In particular, when submitting a long abstract, please ensure that the study and results are sufficiently described to allow comparison with full paper submissions. Each person can present only one selected paper, although multiple submissions and co-authorship are allowed. Please kindly complete one online form for each paper. Abstracts and presentations submitted by the authors will be available online after the event. Authors will have the options to opt out and choose not to publish the abstracts or presentations at the conference website.

Program Committee

The selection of submitted papers and long abstracts is directed and made by the IEW Program Committee, which includes, among others, the IEW co-directors and the 2018 local organisers:

- Geoffrey Blanford, Electric Power Research Institute (EPRI)
- Massimo Tavoni, Fondazione Eni Enrico Mattei (FEEM)
- Bob van der Zwaan, Energy research Centre of the Netherlands (ECN)
- Sonia Yeh, Chalmers University of Technology
- Christian Azar, Chalmers University of Technology
- Göran Berndes, Chalmers University of Technology
- Lisa Göransson, Chalmers University of Technology
- Fredrik Hedenus, Chalmers University of Technology
- Filip Johnsson, Chalmers University of Technology
- Tomas Kåberger, Chalmers University of Technology
- Mariliis Lehtveer, Chalmers University of Technology
- Lina Reichenberg, Chalmers University of Technology

For further information please see: <http://www.internationalenergyworkshop.org> or contact: info@internationalenergyworkshop.org.