

Guided Tour

Conference participants are invited to attend a guided tour to the Large-Scale Research Sector of KIT. During a round trip on the area, three energy related research facilities will be presented. The excursion is free of charge, a separate registration is required. Please take a look at our conference website.

Registration

For conference participation (with or without contribution), please use the form on the conference website www.energyscenarios.kit.edu/ess_conference_2018.php to register. The registration fee is 50 Euros (reduced rate of 30 Euros for students). It covers the conference fee, catering during the whole conference as well as the evening programme. **Deadline for registrations is 15th of August 2018.**

Venue and Accommodation

The conference will be held in the IHK Haus der Wirtschaft (Lammstr. 13-17, 76133 Karlsruhe, Germany) in central Karlsruhe. A journey description can be found here: <http://www.ihk-hdw.de/haus-der-wirtschaft/anfahrt.html>

For further information regarding accommodation please take a look at our conference website.

Partners:



Contact

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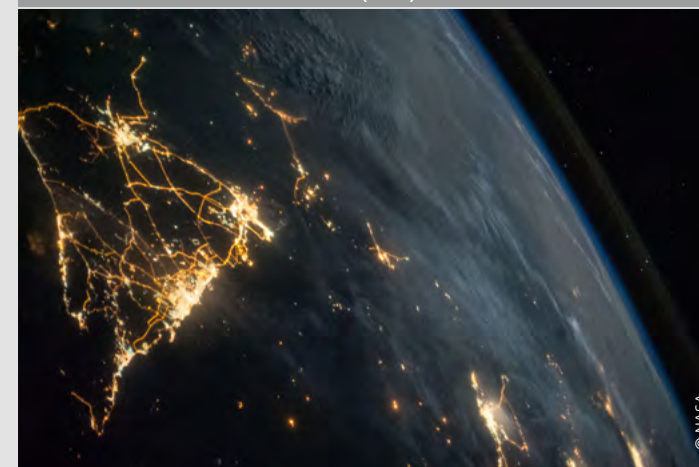
Energy Scenarios – Construction, Assessment, and Impact

International conference organised by the Helmholtz Research School on Energy Scenarios

IHK Haus der Wirtschaft
Lammstr. 13-17
76133 Karlsruhe, Germany

24th – 25th of September 2018

INSTITUTE FOR TECHNOLOGY ASSESSMENT AND SYSTEMS ANALYSIS (ITAS)



energy
> scenarios
school

HELMHOLTZ
RESEARCH FOR GRAND CHALLENGES

Background and Introduction

Energy scenarios play a crucial role in today's policy making, economic decisions and the public debate. At the same time, they turn out to be highly controversial: Scenarios show substantial differences; the assumptions and methods used often remain intransparent; and there are no widely accepted approaches to assess the quality of scenarios. In addition to that, only little is known about the actual impact of energy scenarios on politics, economy and society.

That is why, in the recent years, energy scenarios have come into focus of interdisciplinary research. Due to these efforts, considerable progress has been made in understanding the construction and the impact of energy scenarios as well as in developing methods for their assessment.

The conference **Energy Scenarios – Construction, Assessment, and Impact** aims at presenting the current state of research on energy scenarios as well as at reflecting fields of promising further research. It therefore brings together junior and senior scientists from different academic disciplines and countries with practitioners in politics, the private sector and other fields dealing with energy scenarios.

Call for Papers

Contributions (max. 3.500 characters) can be submitted referring to one of the following four issues:

Construction of energy scenarios. Possible questions to be addressed (amongst others): How can we examine big and complex spaces of possibilities? What kind of models do we need: more complex ones, simpler ones, or both? Can the use of simple and complex models be combined in a promising way? How can social and

PROGRAMME

Monday, September 24th

09:00 – 12:00	Guided tour to KIT Large-Scale Research Sector (optional)
12:30 – 14:00	Registration and lunchtime snack
14:00 – 14:15	Introduction <i>A. Grunwald</i>
14:15 – 14:45	Keynote I: „Constructing Energy Scenarios – Lessons Learned and Current Challenges“ <i>V. Krey</i>
14:45 – 15:15	Keynote II: „Assessment of Energy Scenarios for Politics“ <i>L. Srivastava</i>
15:15 – 15:45	Short poster presentations
16:00 – 17:00	Coffee break incl. poster session
17:00 – 18:30	Parallel sessions 1-3 (3 presentations each)
19:00 – 21:00	Dinner and evening programme

Tuesday, September 25th

09:00 – 10:30	Parallel sessions 4-6 (3 presentations each)
10:30 – 11:00	Coffee break incl. snack
11:00 – 12:00	Parallel sessions 7-9 (2 presentations each)
12:00 – 13:00	Panel „The Role of Energy Scenarios in Energy Policy“ <i>Keynote speakers, D. Dehmer, R. Hillerbrand</i>
13:00 – 13:30	Best poster award and outlook <i>A. Grunwald</i>
13:30 – 14:30	Lunch

societal aspects better integrated and qualitative storylines be transferred into quantitative scenarios?

Assessment of energy scenarios. Possible questions to be addressed (amongst others): How can the quality of energy scenarios be assessed (consistency, transparency, uncertainty, etc.)? How can we compare scenarios stemming from different models and studies? What does “possible” actually mean in scenarios? In which cases should we focus on possible, on probable or rather on desirable scenarios?

Impact of energy scenarios. Possible questions to be addressed (amongst others): How do energy scenarios influence the actual policy making? What are requirements for practically useful scenario studies? How can we use scenarios to properly justify decisions? What principles for decision-making can we apply in situations of great uncertainty?

Cross-cutting issues. Possible questions to be addressed (amongst others): What are the crucial aspects in reflecting the governance of energy scenarios? How can different spatial scales be integrated? What governance processes are needed in order to integrate multiple scenario studies in national and international policy making? What requirements must scenarios and models fulfil in order to support such an integration? What can we learn from past and ongoing scenario integration and comparison activities, such as the IPCC process?

Deadline for applications is 1st of February 2018. All submissions will be subject to a double review process. Feedback will be given until 15th of March 2018.

Please use the pdf form provided on the conference website for your submission and send it to the coordinators of the Helmholtz Research School on Energy Scenarios.