

Energy Security – Concepts and Indicators

Recent geopolitical developments revived scientists' and politicians' interest in the topic of energy security which has become an umbrella term covering a wide range of concerns. A key indicator of (in-) security is the price of energy resources (or its variation). However, a comprehensive and commonly accepted indicator measuring energy

security is lacking. Moreover, studies on energy security are in general rather heterogeneous concerning their focus and methodology. The conference embraces theoretical, empirical and policy oriented contributions. It brings together international scholars to frame concepts and indicators in the analysis of energy security.

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AGENDA

Thursday, 29 November 2007 (Room: Luxemburg)

- 12:30 pm Lunch (optional)
- 2:00 **Welcome**
Andreas Löschel, Centre for European Economic Research – ZEW, Germany
- 2:15 **Introductory Remarks**
Ulf Moslener, Centre for European Economic Research – ZEW, Germany
- 2:30 **Energy Security: What is it and (How) Can it be Measured?**
Jaap Jansen, Energy Research Center of the Netherlands – ECN, Netherlands
- 3:15 **A Novel Framework for Energy Diversity Analysis**
Andrew Stirling, University of Sussex, United Kingdom
- 4:00 Coffee
- 4:30 **Understanding Energy Security through a National Energy Model that Incorporates Uncertainty**
Anil Markandya, Fondazione Eni Enrico Mattei – FEEM, Italy
- 5:15 **Western Concepts of Energy Security and New Global Challenges**
Frank Umbach, Research Institute of the German Council on Foreign Relations – DGAP, Germany
- 7:30 Cocktails & Dinner (ZEW)

Friday, 30 November 2007 (Room: Luxemburg)

- 9:00 am **Measuring the Costs of Oil Dependence**
David L. Greene, Oak Ridge National Laboratory – ORNL, United States
- 9:45 **The Evolution of Resource Concentration as an Energy Security Concern**
Nicolas Lefevre-Martou, Princeton University, United States
- 10:30 Coffee
- 10:45 **Indicators of Energy Security in Industrialized Countries**
Dirk T.G. Rübhelke, Chemnitz University of Technology, Germany
- 11:30 **Issue linkage: Energy Security and Climate Change Concerns as Triggers for Change in U.S. Climate Policy**
Guri Bang, Center for International Climate and Environmental Research – CICERO, Norway
- 12:15 **Summary & Wrap Up**
- 1:00 Lunch
- 2:45 **Tour: Mannheim Castle** (optional)
- 4:00 **End of the Conference**

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29-30 November 2007

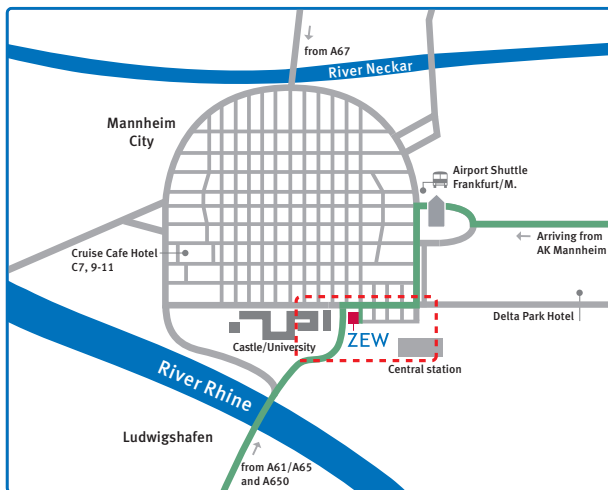
ZEW, Mannheim · L 7, 1 · 68161 Mannheim · Germany

**Please register by
Fax, mail, E-mail or phone at:**

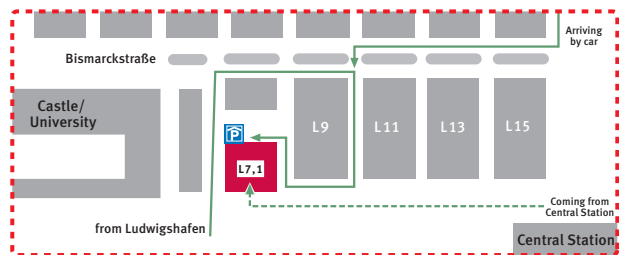
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**Please also provide information
as to whether you intend to join**

- Lunch on Thursday
- Dinner on Thursday
- Guided Tour on Friday



How to reach the ZEW



Participants information

Family name:

First name:

Organisation:

Address:

Postal code: City:

Country:

Telephone/Fax:

E-mail: