



The Helmholtz International Research School “Energy Scenarios – Construction, Assessment, Impact” invites applications from highly qualified and motivated individuals for

6 Doctoral Scholarships

Scholarship: 1200 €/month; Scholarship excluding additional auxiliary income

to commence in April, 2012.

The International Research School in Energy Scenarios is a common institution of Karlsruhe Institute of Technology (KIT) together with partners from the University of Stuttgart, ISI Fraunhofer Institute and German Aerospace Centre (DLR). The research school provides an internationally unique opportunity to become an outstanding researcher in energy scenario analysis. It provides high quality training for doctoral researchers in a structured, three year's program. Our researchers will gain comprehensive knowledge of the construction techniques of scenarios, the system boundaries in the energy sector, as well as be able to make in-depth valuations of energy scenario assessments, and their impacts on decision-makers, politicians, population etc.

Successful candidates are expected to work in one of the following research projects:

- **Methods of social context inclusion in energy scenario construction**

Responsible Partner: Interdisciplinary Research Unit on Risk Governance and Sustainable Technology Development (ZIRN) – University of Stuttgart

Supervisor: Prof. Dr. Dr. h.c. Ortwin Renn

Condition of Employment: Diploma or Master in sociology or political science

Further information: <http://www.zirn-info.de/index-grk.htm>

- **Perspectives of electricity storages with respect to the integration of high shares of renewable energies into the German supply system**

Responsible Partner: German Aerospace Centre (DLR), Stuttgart

Supervisor: Thomas Pregger and Yvonne Scholz

Condition of Employment: Diploma or Master in engineering, economics or related disciplines

Further information: <http://www.dlr.de/tt/desktopdefault.aspx/tabid-2973/>

- **Dimensionality of energy systems models – influence on the results of energy scenarios**

Responsible Partner: IER – Institute of Energy Economics and the Rationale Use of Energy, University of Stuttgart

Supervisor: Prof. Dr. Alfred Voß

Condition of Employment: Diploma or Master in engineering, economics or related disciplines

- **The perception and reception of energy scenarios by its users: an empirical analysis**

Responsible Partner: Institute for Technology Assessment and Systems Analysis (ITAS) – Karlsruhe Institute of Technology (KIT), Karlsruhe

Supervisor: Prof. Dr. Armin Grunwald

Condition of Employment: Diploma or Master in philosophy

- **The role of global passenger road transport within energy scenarios**

Responsible Partner: Institute for Industrial Production – Karlsruhe Institute of Technology (KIT), Karlsruhe

Supervisor: Prof. Dr. Wolf Fichtner

Condition of Employment: Diploma or Master in economics, engineering or related disciplines

- **Long-term Final Energy Demand Analysis**

Responsible Partner: Fraunhofer Institute for Systems and Innovation Research (ISI), Karlsruhe

Supervisor: Prof. Dr. Martin Wietschel

Condition of Employment: Diploma or Master in economics, engineering or related disciplines

Application

The deadline for application for up to 2 research projects (please indicate 1st and 2nd choice) is **December 16, 2011**. We encourage especially women to apply for scientific positions. Handicapped with equal qualifications will be preferred. Short listed candidates will be invited for an oral presentation and interviews in February 2011.

Please submit electronic applications with the customary documentation (letter of motivation including personal research interests (one page), curriculum vitae, graduation documents, grade sheets, other certificates and a letter of recommendation to

Dr. Julia Johnsen: julia.johnsen@kit.edu