JUSTUS-LIEBIG-UNIVERSITÄT GIESSEN

DAAD Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Circular of a Summer School:
"Use of Solar Energy as Contribution to a Sustainable Development"

In the context of *Intersolar Europe 2011*, the world's largest exhibition of solar technologies from June 08 -10, 2011 in Munich (Germany) an interdisciplinary summer school will be organized at the Justus-Liebig-University in Gießen (Germany) from May 30 – June 07, 2011 which will cover technical as well as socio-economic aspects of the use of solar technologies as part of a sustainable energy supply in developing countries and countries with emerging economies. The program consists of lectures and discussions about current topics in planning and implication of solar projects, field excursions to industry partners in the Rhein-Main area and a cultural and networking component. The detailed schedule can be found on http://www.uni-giessen.de/cms/intersolar. Subsequent to the summer school in Gießen, the participants will jointly travel to Munich and attend *Intersolar Europe 2011*.

Aims

The summer school in Gießen aims at a comparative discussion of different methods of solar energy conversion to electricity regarding their technological needs as well as their requirements and consequences regarding cultural, political and economic structures. Experiences in the past have shown that projects of development have failed or at least had significantly less impact than originally planned despite well established technical feasibility and despite demand of their use, caused by insufficient embedding into the socio-economic structures of the societies that were supposed to benefit. Consideration of socio-economic boundary conditions at an early stage of planning therefore is of key importance for the successful use of solar energy for a sustainable energy supply.

Structure

The summer school is designed for 25 participating Germany-Alumni from different disciplines, from different countries of different regions and continents who work in the fields of science and technology, the humanities or decision-making administration of sustainable energy supply. An interdisciplinary discussion including contributions of the participants will contribute to an additional qualification of the alumni and further assist them to work for a sustainable energy supply including solar

technologies in their home countries. In discussions with scientists from Gießen a good point of contact can be established for the start of new joint projects in research and development by which the work of the SEPA group in Gießen can be inspired and the link of the alumni to ongoing research work in Germany can be deepened. Contributions by the participants about the use of solar energy as part of a sustainable development either as short talk or as poster presentation will serve to shape the summer school. Also controversial discussions about possible impacts of solar power plants can be a vital part of the talk or poster. Your contributions to the ongoing discussion from the perspective of the regions and continents of your origin represent a vital contribution to the success of the summer school.

Conditions for Participation

Participation of up to 25 participants from developing countries and countries with emerging economies according to the DAC-list will be supported by the German Academic Exchange Service (DAAD). Daily expenses and transfers within Germany will be covered. This means:

- Flight from the country of origin to Germany (will be booked by the University of Giessen)
- Transfer from and to airport in Germany (2nd class railway)
- Transfer to the exhibition in Munich
- Excursions
- full board accomodation
- travel health insurance for the period of stay in Germany

Applicants must have performed parts of their research or university education in Germany (at least three months). Please submit your application until March 25, 2011 to summerschool-intersolar@uni-giessen.de.

For a successful application we need to receive from you (English in the format "name.doc" or "name.pdf"):
- CV (one page)
- letter of motivation (15 - 20 lines)
- abstract (15 - 20 lines) for a short talk (10 min) or a poster presentation.

Further information is available from http://www.uni-giessen.de/cms/intersolar.