

International Students' Workshop on High Performance Light Water Reactors

March 31 to April 3, 2008, in Karlsruhe, Germany



This workshop is addressed to worldwide students of mechanical or nuclear engineering who like to learn technologies of innovative light water reactors operated at supercritical pressures. The 4 day programme at the University of Karlsruhe will include lectures by professors working since several years in the European HPLWR project, as well as presentations by students and young scientists who contribute with a master thesis, a doctorate or with other project work to this generation 4 nuclear system.

Topics of the workshop:

- Design of High Performance Light Water Reactors
- Neutron physics and core design
- Flow and heat transfer of supercritical water
- Materials for supercritical water conditions

Call for Papers

Students and young scientists who like to participate actively in the workshop are requested to submit the title and a short abstract of their presentation by Nov. 15, 2007. Based on their abstracts, the programme of the workshop will be defined until Dec. 15, 2007, and returned to registered participants. If notified by the organizing committee, active participants will be asked to write a 4 page summary paper about their presentation by Jan. 31, 2008. It will be published on the HPLWR web site.

Students who cannot present a contribution are invited to register as a passive participant, to listen and to discuss with us.

No registration fee. Lecture material and summary papers will be handed out on a CD ROM during the workshop.

The workshop is organized by the European HPLWR consortium and hosted by the Karlsruhe Institute of Technology, a cooperation between University and Forschungszentrum Karlsruhe, with its Centre of Energy.

Organizing committee:

Prof. Thomas Schulenberg, Forschungszentrum Karlsruhe
Prof. Eckart Laurien, IKE, University of Stuttgart
Prof. Henryk Anglart, KTH, Stockholm

Internet: www.hplwr.eu