

First Announcement and Call for Papers

21st SYMPOSIUM of AER

on VVER Reactor Physics and Reactor Safety September 19 - 23, 2011, Dresden, Germany

General Information

The 21st Symposium continues the traditional series of annual meetings of the international association „Atomic Energy Research“(AER) on VVER reactor physics and safety research. The 20th Symposium was held in Espoo, Finland, in September 2010. The 21st Symposium will be organized in Germany by the Helmholtz-Zentrum Dresden-Rossendorf (HZDR), Institute of Safety Research.

The Symposium is open to participants from AER member organizations as well as from other institutions involved or interested in VVER reactor physics and safety research.

WWW: <http://www.hzdr.de/db/Cms?pOid=32810&pNid=1296&pLang=en>

Date and Location

The Symposium will take place from Monday, September 19, 2011 until Friday, September 23, 2011 at the art'otel directly in the city center of Dresden.

WWW: <http://www.artotels.com/dresden-hotel-de-d-01067/gerdrart>

Topics

The proposed topics of meeting are:

- Advances in spectral and core calculation methods
- Reactor physics experiments and code validation (benchmarks)
- Fuel management issues
- Core surveillance and monitoring
- Reactor dynamics and safety analysis
- Nuclear applications of three dimensional thermal hydraulics
- Fuel behaviour in normal conditions
- Intermediate storage of spent fuel, decommissioning and radwaste
- Spent fuel disposal, actinide transmutation
- Engineering factors

Progress reports of the AER working groups will be presented.

Papers, proceedings and working language

Deadline for submission of abstracts of 200 ÷ 300 words is **August 03, 2011**. The abstracts will be issued in a Book of Abstracts to be provided to the participants of the Symposium.

Full papers will be published in the Symposium proceedings both as a book and a CD (instructions on preparing the final paper will be available at the conference homepage).

Participants should provide a few copies of their papers for handout at the Symposium.

Authors are requested to send their final papers (as pdf-document) and presentations (as pdf- or ppt-document) by email (AER2011@hzdr.de) before the Symposium or to provide the paper on a flash or a CD not later than the opening date of the Symposium.

Normal conference equipment including overhead projector and PC with projector will be available.

The working language of the Symposium and of the papers is English.

Social programme

Social programme will be defined later.

Registration and fees

Registration has to be made through the conference website not later than **August 03, 2011**. Participants from AER member organizations may take part in the Symposium without registration fee. Non-AER participants are charged with a registration fee of 100 EUR to be paid at the Symposium. This fee includes the Symposium proceedings.

Accommodation and transport

Accommodation during the Symposium will be available in the art'otel directly in the city center of Dresden

WWW: <http://www.artotels.com/dresden-hotel-de-d-01067/gerdrart>

A block reservation has been made by the organizers. This reservation is valid until **August 03, 2011**. The participants are kindly requested to make their accommodation reservation directly to the hotel (e-mail: adres@pphe.com).

Please use the code "AER2011" when you contact the hotel. Please use further the information on the hotel website how to reach the hotel. It is in walking distance from the railway station "Bahnhof Dresden-Mitte" which can be reached directly from the airport or from the main railway station.

The cost for hotel accommodation for conference participants is 85 EUR for a single room, and 101 EUR for a double room. All prices include breakfast and VAT.

Lunches during the symposium will be provided by the organizers but dinners, apart from the traditional Symposium Dinner, will not be included.

Social programme

Information will be provided later on the website.

Key Dates

Abstract deadline	August 03, 2011
Registration deadline	August 03, 2011
Hotel reservation deadline	August 03, 2011
Submittal of electronic files of papers and presentations by email	Up to the beginning of Symposium
Deadline for final papers and presentations on flash or CD	At the Symposium

Contact Address

Please send all correspondence concerning the Symposium preferably by email to:

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