

## Call for Papers

Authors are invited to submit a one page abstract (300-500 words) by 1 October, 2007 via e-mail to: [isrd13abstracts@jrc.nl](mailto:isrd13abstracts@jrc.nl).

The abstract must include a clear definition of the objective and approach of the work that will be discussed, pointing out new aspects, and must present sufficient details. The presentation and manuscript must not be of a commercial nature, nor can it have been previously published. As only a limited number of abstracts will be accepted, the abstract must be complete enough to allow for careful assessment of the paper's suitability for this symposium. Tables, figures and references shall not be included in the abstract. A footnote acknowledging support, as may be required by your funding agency, is permitted. A template is available on the website. Authors will be notified of acceptance of their papers for presentation by 15 December 2007.



Institute for Energy, Petten, early May



## Important deadlines

Abstract submission	1 Oct. 2007
Notification of acceptance	15 Dec. 2007
Early Registration	25 Apr. 2008
Registration in Hotel Akersloot	25 Apr. 2008
Registration	25 May 2008
Full paper submission	25 May 2008

## Information

### The Americas, East and Southeast Asia:

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ASTM symposium secretary  
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### Europe, Africa, Asia (other), and Australia:

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or

Mr Wim Voorbraak, symposium secretary  
Ms Willy Muntjewerf, secretary local organisation  
European Commission,  
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13<sup>TH</sup>  
INTERNATIONAL SYMPOSIUM  
ON REACTOR DOSIMETRY

HOSTED BY  
JOINT RESEARCH CENTRE  
INSTITUTE FOR ENERGY  
PETTEN, THE NETHERLANDS

**25-30 May 2008**  
Hotel Akersloot, near Alkmaar  
North Holland  
The Netherlands  
[www.isrd13.jrc.nl](http://www.isrd13.jrc.nl)

## Scope and Topics

The 13<sup>th</sup> International Symposium on Reactor Dosimetry is organised approximately every three years to provide a forum for the interchange of knowledge regarding state-of-the-art techniques, data bases and standardisation of reactor dosimetry. The Symposium will be of value to those involved in reactor dosimetry, including researchers, manufacturers and representatives from industry, utilities and regulatory agencies.

This symposium is jointly organised by the European Working Group on Reactor Dosimetry (EWGRD) and the Committee E10 on Nuclear Technology and Applications of the American Society for Testing and Materials (ASTM). The local organisation and support is provided by the Institute for Energy, one of the 7 Institutes of the Joint Research Centre (JRC), a Directorate General of the European Commission. Local chairman is Dr. Luigi Debarberis.

The symposium theme is reactor dosimetry for the assessment of the exposure of reactor materials and reactor experiments, featuring radiation metrology techniques, databases and standardisation. The symposium theme covers the following areas:

- Reactor surveillance and plant-life management
- Data evaluation, uncertainty analysis, and adjustment methods
- Retrospective dosimetry and decommissioning
- Dosimetry for assessment of reactor structural materials
- Neutron and gamma-ray transport calculations
- Dosimetry for core characterization and reactor physics
- Characterisation of neutron and gamma-ray environments
- Damage correlation and exposure parameters
- Monitoring of irradiation experiments
- Cross Sections and Nuclear data for dosimetry
- Benchmarking, calibrations and standards
- Fusion and high-energy neutrons
- Advanced reactors and neutron sources
- Irradiation processing and testing of electronics

- Experimental techniques, new developments and optical methods
- Dosimetry for space nuclear power

All full papers will be subject to peer-review before acceptance for publication in the proceedings. The proceedings will be edited by EWGRD and published by World Scientific Publishing. Registered participants will receive a complimentary copy of the volume.

## Organisation

The symposium will be organised into oral sessions, poster presentations and round-table workshops. The meeting language will be English. No translations will be provided. Complete papers submitted for publication will be due at the symposium. A social event will be organised in Amsterdam, halfway through the symposium.



Six workshops will be organised:

- LWR Surveillance Dosimetry and Retrospective Dosimetry
- Dosimetry for Irradiation Facilities at Test and Research Reactors
- Fusion and High Energy neutrons
- Adjustment Methods and Uncertainties
- Radiation Damage Correlations
- Cross Section Files and Uncertainties

## Symposium Fee

Early registration (before 25 April 2008)	€400
Late registration (after 25 April 2008)	€500

Full registration includes attendance to all sessions, lunches, coffee breaks, symposium dinner, social event and proceedings.

## Venue and Accommodation

The 13<sup>th</sup> International Symposium on Reactor Dosimetry will be organised on 25-30 May 2008 in Hotel Akersloot, 6 kilometres south of Alkmaar, the Netherlands.

The symposium organisation recommends reserving a room in Hotel Akersloot. We have an option on a sufficient number of rooms until 25 April 2008, one month before the start of the Symposium. Rooms can be registered using the form from the ISRD13 website.



Hotel Akersloot is located along the highway A9 within short distance of the cities Alkmaar, Amsterdam and Haarlem. Several typical Dutch tourist attractions are within short distance of the hotel and will be visited as part of the partner program.

### Hotel Akersloot

Geesterweg 1a, 1921 NV Akersloot  
<http://www.hotelakersloot.nl>