



Send your contributions now!

The 12th annual topical meeting on **Research Reactor Fuel Management** will take place in Hamburg (Germany) from 2nd to 5th March 2008.

This congress will serve as an International platform focussing on all key areas of the nuclear fuel cycle of research reactors.

The RRFM 2008 Programme Committee and the European Nuclear Society (ENS) are NOW calling for presentations. We invite both **oral** papers and **poster** presentations for the following thematical tracks:

- **Fissile material supply** – *Historical availability and prospects for future supply of HEU and LEU for all types of research reactors including the policies of the major supplier countries on enrichment services for the research reactor community.*
- **Fresh fuel and targets: Origin and status, qualification, fabrication** – *In particular, all aspects of the development, fabrication, testing and qualification of the new high-density fuels based on UMo alloys and the development of LEU target materials for the production of medical isotopes.*
- **Technical aspects of fuel in-core management and safety** – *Presentations on safe and economical practices of in-core management of fuel, including new core designs, core conversions, burn-up determinations, etc.*
- **Fresh and spent fuel transportation** – *Particularly presentations on the organisation of safe, secure and economic shipments of fresh and irradiated fuel, transportation cask licensing issues, changes in transportation regulations and international and national agreements on all aspects of fuel transportation.*
- **Fuel and reactor licensing** – *New fuel and reactor designs, core conversions and their licensing. Design and licensing of modifications.*
- **Spent fuel storage, corrosion and degradation** – *Wet and dry technologies for the safe, secure and economical interim storage of irradiated fuel, assessment of fuel and cladding, identification and packaging of damaged fuel, transfer from wet to dry storage, long-term storage implementation experience, including licensing of life extension of spent fuel storage facilities.*
- **Fuel back-end management** – *Fuel return to and further processing in its country of origin, irradiated fuel management plans after 2006, discussions of the merits of various treatments, conditioning and reprocessing options as a preparation for final disposition, presentation of acceptance requirements for final disposal, of disposal site development and implementation for research reactor fuel, consideration of regional and international co-operation.*
- **Innovative methods in research reactor analysis** – *Specialised session in parallel to session 4 which aims at the presentation and discussion of recent development and application of advanced computational methods and tools for research reactor physics, safety and fuel management.*

The **preliminary conference programme** will be expected to consist of the following sessions:

- **Session I:** International topics and overview on new projects and fuel developments
- **Session II:** Fuel development and fabrication
- **Session III:** Fuel qualification and licensing
- **Session IV:** Fuel back-end management (spent fuel management, back-end options, transportation, repositories and reprocessing)
- **Session V:** Reactor operation, fuel safety and CORE conversion (parallel to session VI)
- **Session VI:** Innovative methods in research reactor analysis (parallel to session V)

Our preliminary programme will be accessible on the RRFM 2008 website by **15 December 2007**: <http://www.rrfm2008.org>

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Instructions for authors

Please download the "RRFM 2008 Abstract Form" at www.rrfm2008.org,

Authors should submit their abstract text, electronically per email, in English on one page (400-words) using Microsoft Word format (.doc), by:

31 October 2007

Full paper submission deadline: 1 February 2008.

Email ALL correspondence to rrfm2008@euronuclear.org.

Your abstract contribution will be included in the Conference Proceedings (Transactions) that will be available on CD-ROM (after the conference) and posted on our website: www.euronuclear.org.

Abstract review

The abstracts received will be peer reviewed under the auspices of the RRFM 2008 Programme Committee. Authors will be notified of **paper acceptance by 1 December 2007.**

2008 RRFM Programme Committee

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