



## Call for Papers

The RRFM 2014 Programme Committee is calling for both oral and poster presentations regarding

- **All Key Areas of the Nuclear Fuel Cycle of Research Reactors** - This includes: Conversion to LEU fuels; Fissile material supply; Fresh fuel and targets: Origin and status, qualification, fabrication; Technical aspects of fuel in-core management and safety; Fresh and spent fuel transportation; Fuel and reactor licensing; Spent fuel storage, corrosion and degradation; Fuel back-end management.
- **Utilisation of Research Reactors** - Utilisation in the field of: science and development, education and training, industrial and medical applications; Research reactor networks, strategy and business plans and other activities to improve the research reactor utilisation.
- **Innovative methods in reactor physics and thermo-hydraulics** - Development and application of advanced computational methods and tools for core load management, operational and safety analysis, and fuel cycle physics. Benchmark exercises. Nuclear data improvements.
- **New Research Reactor Projects** - National and regional plans for new research reactors; Lessons learned from building and operating new research reactors; Role of research reactors in developing nuclear competence to implement nuclear power programmes in a medium to long term perspective; Research reactor capacity needed to meet the future demand for radioisotopes for medicine and industry; Development of national and regional infrastructure necessary to implement new research reactor projects, including inter alia organization and management, uses and applications, funding and financing, stakeholder involvement, legislative framework, regulatory framework, nuclear safety, environmental protection, security and physical protection, safeguards and human resources.
- **Research Reactor Operation and Maintenance** - Plant material condition control; Managing issues at either end of the facility 'bathtub curve' (commissioning, early operation and end of life/ageing related issues); Maintenance assessments and risk informed maintenance programmes; Management systems; Configuration management; Procedure utilisation; Communications and work control; Design review and control; Human resource development and training programmes; Regulatory interface; Public relations; Management improvement programmes and performance monitoring.
- **Safety and Security of RR:** Implementation of IAEA safety guidance and security recommendations. National updated Requirements on Safety/Security, Licensing activities, Review of External Events database, Review of new designs, Review of associated facilities (spent fuel storage facilities), Thermal hydraulic Analyses of Beyond Design Base Accidents, Security Management, Review of Emergency and Contingency Plans preparedness, Interface Safety/Security, Threat assessment and Design Basis Threat in RR security, Nuclear Security Considerations in the Training and Qualification of Personnel.



Mark your diaries and be a part of it! Upload your abstracts on [www.rrfm2014.org](http://www.rrfm2014.org) before **15 November 2013**.

**Authors should submit their abstract text in English through the Abstract Submission System on [www.rrfm2014.org](http://www.rrfm2014.org) by:**

**15 November 2013**

**Full paper submission deadline: 28 February 2014**

**Email ALL correspondence to [rrfm2014@euronuclear.org](mailto:rrfm2014@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 the ENS website: [www.euronuclear.org](http://www.euronuclear.org) with reference number 978-92-95064-20-1**

### **Abstract review**

The abstracts received will be peer reviewed under the auspices of the RRFM 2014 Programme Committee. Authors will be notified of **paper acceptance by 20 December 2013**.

### **RRFM 2014 Programme Committee**

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