



Call for Papers

The RRFM/IGORR 2016 Programme Committee is calling for both oral and poster presentations regarding

- **Research reactor nuclear fuel cycle** - conversion to LEU fuels; fissile material supply; fresh fuel and targets: origin, qualification, fabrication; in-core fuel management and safety; fuel transportation; fuel and reactor licensing; fuel back-end management including reprocessing, spent fuel storage, corrosion and degradation; fuel cycle economics.
- **Low power research reactors, critical and subcritical assemblies** – utilisation, research, education and training programmes, core conversion, licensing, new projects.
- **Utilisation of research reactors** – nuclear science and technology including support for nuclear power programmes; E&T; industrial and medical applications, including radio-isotopes production and irradiation/transmutation technology; research reactor networks and coalitions; strategic and business plans.
- **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/regional plans or construction updates of new research reactors; lessons learned from new research reactor projects; development of national infrastructures.
- **Research reactor operation & maintenance and ageing management**, – managing reliability issues (commissioning, early operation to end of life related issues); ageing management, modernization, refurbishment, long term operation and life-time extension; maintenance management systems; human resource development and training programmes.
- **Research reactor safety** - implementation of updated international safety standards; review of national regulatory requirements on safety and of licensing activities; design review and upgrades including associated facilities (spent fuel storage facilities); safety analysis methods and approaches; Lessons learned after Fukushima Daiichi and complementary safety assessments.
- **Research reactor security** – implementation of updated international security recommendations; review of national security regulatory requirements; cyber security standards and facility upgrades; security management; review of emergency and contingency plans; interface security; threat assessment and design basis threat in RR security;
- **Decommissioning and dismantling of research reactors and waste management** – strategies and concepts; decommissioning planning; economics; licensing; decontamination and measures to reduce radiation exposure; radiation and environmental protection; treatment, storage and disposal of radioactive waste; logistics and transportation; running projects; D&D lessons learned.

Mark your diaries and be a part of it! Upload your abstracts on www.rrfm2016.org before **27 November 2015**.



Authors should submit their abstract text in English through the Abstract Submission System on www.rrfm2016.org by:

27 November 2015

Full paper submission deadline: 15 February 2016

Email ALL correspondence to rrfm2016@euronuclear.org .

Your abstract contribution will be included in the Conference

Proceedings (Transactions) and posted on the ENS website:

www.euronuclear.org with reference number 978-92-95064-25-6

The abstracts received will be peer reviewed under the auspices of the RRFM/IGORR 2016 Programme Committee. Authors will be notified of **paper acceptance by 18 December 2016.**

Conference Secretariat

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