



Call for Papers

The RRFM 2017 Programme Committee is calling for both oral and poster presentations regarding

- **Research reactor nuclear fuel cycle from front-end to back-end-** 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.rrfm2017.org before 25 November 2016.

Authors should submit their abstract text in English through the Abstract Submission System on www.rrfm2017.org by:

25 November 2016

Full paper submission deadline: 31 March 2017

Email: ALL correspondence to rrfm2017@euronuclear.org .

Your abstract contribution will be included in the Conference Proceedings and posted on the ENS website:

www.euronuclear.org.org with reference number 978-92-95064-29-4

Abstract review

The abstracts received will be peer reviewed under the auspices of the RRFM 2017 Programme Committee. Authors will be notified of paper acceptance by 22 January 2017.

Conference Secretariat

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