

KEY DEADLINES

1 May 2015	Electronic submission of the synopsis (including Forms A and B)
1 May 2015	Submission of grant applications (Forms A and C)
30 June 2015	Notification to authors of acceptance of papers
30 September 2015	Electronic submission of accepted full paper

REGISTRATION FEE

No registration fee is charged.

LANGUAGE

The conference will be held in English.

CONFERENCE WEB PAGE

For more information, please consult the IAEA web site:

<http://www-pub.iaea.org/iaeameetings/46533/International-Conference-on-Research-Reactors-Safe-Management-and-Effective-Utilization>

Please include reference number IAEA-CN-231 in all communications.

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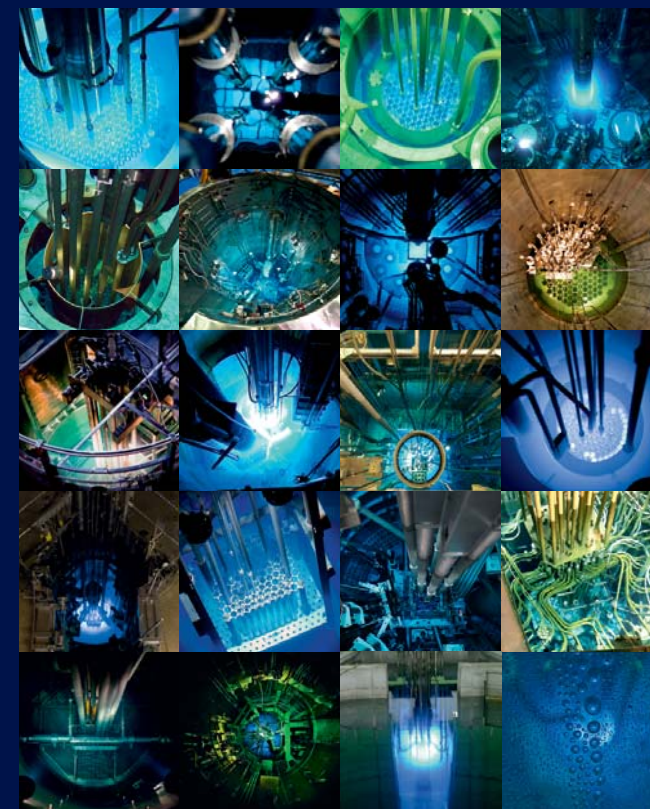
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International Conference on Research Reactors: Safe Management and Effective Utilization

16–20 November 2015
Vienna, Austria



Organized by the



IAEA
International Atomic Energy Agency

BACKGROUND

The International Atomic Energy Agency (IAEA) has promoted and fostered the exchange of scientific and technical information on research reactors for many years. An important mechanism for this exchange is the organization of periodic meetings, seminars, symposia and conferences. Since 2003, the IAEA has been organizing major international conferences on topics of interest to the research reactor community every four years. The last such event was the International Conference on Research Reactors: Safe Management and Effective Utilization held in Rabat, Morocco, in November 2011.

A number of significant issues still being faced by the research reactor community are primarily related to operation, maintenance, utilization, safety, security, ageing management, decommissioning, spent fuel and waste management. More recent challenges have to do with initiatives to support new research reactor projects (including national infrastructure development), safety reassessment of facilities following the accident at the Fukushima Daiichi nuclear power plant in March 2011, and fresh fuel supply. Additional challenges, such as securing isotope production, competence management and succession planning, strategic planning and the sustainability of research reactor programmes, are also receiving greater attention. In view of the above, a new international conference is being convened in 2015 to discuss these issues, report on relevant progress and plans, exchange information and foster cooperation among the research reactor community.

OBJECTIVES

The objective of this conference is to foster the exchange of information on operating and planned research reactors and to provide a forum in which reactor operators, managers, users, regulators, designers and suppliers can share experience and lessons learned, as well as address common issues, challenges and strategies.

PROGRAMME STRUCTURE

The conference programme will consist of an opening session, technical sessions with invited and contributed papers, poster sessions and a closing panel session. Side events on IAEA activities and services for research reactors as well as on issues and challenges in new research reactor projects are scheduled (other topics could be added based on the expressions of interest received).

Invited papers will cover major issues of relevance in the conference topical areas. A closing panel session will summarize the principal observations made during the conference and address important issues raised by the audience. At the end, summary conclusions and recommendations will be presented and discussed.

TOPICS OF INTEREST

The conference will have a number of technical sessions dealing with specific topical areas. Sessions are expected to include papers by invited speakers as well as contributions by participants. While most papers will focus on one of the principal areas below, authors are encouraged to consider integration with the other areas as appropriate.

The topical areas are grouped below under seven major headings:

- Utilization and Applications of Research Reactors
- Research Reactor Operation and Maintenance
- New Research Reactor Projects
- Safety of Research Reactors
- Security of Research Reactors
- Research Reactor Spent Fuel Management and Decommissioning
- Common Management Considerations for Research Reactors.

AUDIENCE

The targeted audience of the conference is the members of the research reactor community worldwide, including research reactor operating organizations, regulatory authorities, governmental institutions, research reactor users and other stakeholders.

SIDE EVENTS

Exhibitions on research reactor technology, related instrumentation, research reactor products and services, as well as satellite meetings are expected to take place during the conference.

CONFERENCE ANNOUNCEMENT

The full conference announcement, call for papers as well as other information on participation, grants, paper submission and registration is available on the IAEA web site:

<http://www-pub.iaea.org/iaeameetings/46533/International-Conference-on-Research-Reactors-Safe-Management-and-Effective-Utilization>