

## Call for Papers

# 3<sup>rd</sup> International Technical Meeting on Small Reactors “Applications of Research Reactors and Small Modular Reactors”

2014 November 5-7  
Ottawa Marriott Hotel, Ottawa, Ontario CANADA

### Objective

Atomic Energy of Canada Limited (AECL) and Canadian Nuclear Society (CNS) are hosting the 3<sup>rd</sup> International Technical Meeting on Small Reactors. There is growing international interest and activity in the development of small nuclear reactor technology including building prototypes and research reactors. This meeting will provide participants with an opportunity to share ideas and exchange information on new developments.

Following the success of the 2<sup>nd</sup> Technical Meeting in November 2012, which captured the achievements, capabilities, and future prospects of small reactors, this 3<sup>rd</sup> Technical Meeting is dedicated to the applications of research reactors and small modular reactors.

This Technical Meeting will cover topics of interest to designers, operators, researchers and analysts involved in the design, development and deployment of small reactors for research and power generation. A special track is planned to focus on small modular reactors (SMR) for generating electricity and process heat, particularly in small grids and remote locations.

A technical tour of the Chalk River Laboratories will be hosted by AECL for all interested attendees on November 7. It will include the ZED-2 and NRU reactors.

### Topics of Interest

Presentations related to the following topics are of interest to this Technical Meeting:

- Research reactors and low power critical facilities
- Radionuclide production
- Materials research and neutron beams
- Operating experience
- Aging management
- Commercial SMRs for electricity generation
- Small reactors for remote locations and niche applications
- Safety and licensing
- Autonomous control and operation
- Reactor physics
- Thermalhydraulics and passive safety
- Advanced materials and chemistry
- Advanced fuels
- Education, training and outreach

### Abstract Submission

Abstracts (<250 words) and full papers must be submitted via the submission link on the meeting website. Papers should include sufficient information for a clear presentation of the topic; usually this can be achieved in 8-12 pages, including figures and tables. All papers will be published in a CD to be distributed at the meeting. The required format of submission is electronic (MSWord or PDF). Information on paper submission and templates is available from the website:

[www.cns-snc.ca/events/3tm/](http://www.cns-snc.ca/events/3tm/)

### Technical Meeting Organizers

Advisory Committee: Adriaan Buijs (McMaster University), Benjamin Rouben (12&1 Consulting), Bhaskar Sur (AECL), Brent Lewis (UOIT), Dan Brady (NRCAN), Eleodor Nichita (UOIT), John Root (Fedoruk Centre), John Goldak (Carleton University), John Katsaras (ORNL), Marcel de Vos (CNSC)

Honorary Chair ..... Romney Duffey (DSM Associates)  
General Chair ..... Metin Yetisir, AECL  
Technical Program Chair ..... Steve Livingstone, AECL

### Key Dates

Abstract submission ..... June 29, 2014  
Acceptance/author notification ..... July 7, 2014  
Draft paper submission ..... July 25, 2014  
Comments on draft paper to authors ..... Aug. 15, 2014  
Final paper submission ..... Sep. 12, 2014

### Further Information

Additional information is available from [www.cns-snc.ca/events/3tm/](http://www.cns-snc.ca/events/3tm/) or Metin Yetisir, General Chair, AECL, Tel: (613) 584-8811 ext. 46577; Email: [yetisirm@aecl.ca](mailto:yetisirm@aecl.ca).

