



34th Annual Conference of the Canadian Nuclear Society and 37th Annual CNS/CNA Student Conference “NUCLEAR, the Next Generation”

Toronto Marriott Downtown Eaton Centre Hotel
Toronto, Ontario, Canada
2013 Jun 9 - 12



Call for Papers

The 34th Annual Conference of the Canadian Nuclear Society and the 37th Annual CNS/CNA Student Conference will be held at the Toronto Marriott Downtown Eaton Centre Hotel, Toronto, Ontario, Canada, 2013 Jun 9 - Jun 12.

The central objective of this conference is to provide a forum for exchange of views and ideas and information relating to application and advancement of nuclear science and technology, and nuclear-related issues in general.

Please note that this is NOT the “Call for Papers” for the Student Conference. There is a separate “Call for Students’ Extended Abstracts” for the Student Conference. This “Call for Papers” is to solicit papers in Technical Sessions of the Annual Conference covering, but not limited to the following Technical Topics:

- Reactor and Radiation Physics
- Thermalhydraulics
- Reactor Safety and Licensing
- Uranium, Prospecting, Purification and Utilization
- Advanced Reactors (EC6, GEN-VI, Small Modular Reactors)
- Advanced Fuel Cycles (RU, NUE, Thorium, etc.)
- Process Systems
- Chemistry and Materials
- Instrumentation and Control
- Plant Life Extension, Refurbishment and Aging
- Operating Experience, Maintenance and Plant Transients
- Materials Issues for Existing and New Reactors
- Environment and Spent Fuel Management
- Medical Physics, Isotope Production and Applications
- Computer Code Development and Qualification
- **Special Session** on Fusion Science and Technology
- **Special Session** on Treatment of Uncertainties in ROP/NOP and LOCA Physics Calculations
- **Special Session** on Handheld Computers in Nuclear Industry

Important Dates

- **Deadline for submission of full papers: 2013 February 15**
- Notification of paper acceptance: 2013 March 31
- Deadline for submission of revised final papers: 2013 April 15

Guidelines for Full Papers

Papers should present facts that are new and significant, or represent a state-of-the-art review. They should include enough information for a clear presentation of the topic. Proper references should be made to related published information. The name(s), affiliation(s), and contact information of the author(s) should appear below the title of the paper. A short abstract of ~100 words must be placed at the beginning of the paper. A length of ~10 pages with an electronic file size of <5 MB is suggested for a typical paper.

Paper Submission Procedure

Please note that ONLY FULL PAPERS are to be submitted and will be peer-reviewed for this conference (abstracts or summaries will not be accepted). Please plan accordingly as February 15, 2013 is fast approaching! Submissions of full papers should be made electronically, preferably in MS Word format, through the Annual Conference electronic submission system at:

<https://www.softconf.com/d/CNS2013Technical/>

To help with planning, authors should log onto the electronic submission system and input the title, author(s), and affiliation(s) of their planned paper even before making the full submission. Note that for a paper to appear in the conference Proceedings, at least one of the authors must register for the conference. Information regarding paper template and copyright can be found at the conference website: <http://www.cns-snc.ca/en-ca/events/conf2013>

Technical Program Chair

Dr. Eleodor Nichita

University of Ontario Institute of Technology

eleodor.nichita@uoit.ca

General inquiries regarding the Conference may be addressed to

Conference Executive Chair

Dr. Adriaan Buijs
McMaster University
buijsa@mcmaster.ca

CNS Office

Denise Rouben or Bob O’Sullivan

cns-snc@on.aibn.com

416-977-7620