



**33<sup>rd</sup> Annual Conference of the Canadian Nuclear  
Society and 36<sup>th</sup> Annual CNS/CNA Student Conference**  
TCU Place, Saskatoon, Saskatchewan, Canada  
**2012 June 10 - 13**  
Conference Hotels: Hilton Garden Inn Saskatoon, and Delta  
Bessborough Saskatoon



“Building on our past... Building for the future-  
Bâtir l’avenir...sur la base du passé”

## Call for Papers

The 33<sup>rd</sup> Annual Conference of the Canadian Nuclear Society and the 36<sup>th</sup> Annual CNS/CNA Student Conference will be held at TCU Place, Saskatoon, Saskatchewan, Canada, 2012 Jun 10 - Jun 13. There are two conference hotels: the Hilton Garden Inn Saskatoon (90-22<sup>nd</sup> St. E., opposite TCU place) and the Delta Bessborough Saskatoon (601 Spadina Cres. E., 10-15- minute walk).

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 the Student Conference (Poster Session). There is a separate call for papers for the Student Conference. This call for papers is to solicit papers in Technical Sessions (oral presentations) 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
- Oil Sands and Desalination Applications
- Fusion Science and Technology

### Important Dates

- First Call for Papers: 2011 October 30
- **Deadline for submission of full papers: 2012 January 15**
- Notification of paper acceptance: 2012 March 31
- Deadline for submission of revised final papers: 2012 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 2012 January 15 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/c/CNS2012Technical/>

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/conf2012>

### Technical Program Co-Chairs

**Dr. Wei Shen, Candu Energy Inc. ([Wei.Shen@candu.com](mailto:Wei.Shen@candu.com))**

**Dr. Ki-Seob Sim, Candu Energy Inc. ([Ki-Seob.Sim@candu.com](mailto:Ki-Seob.Sim@candu.com))**

General inquiries regarding the Conference may be addressed to

### Conference Executive Chair

**Mr. John G. Roberts, JGRchem.inc. ([alchemy@tnt21.com](mailto:alchemy@tnt21.com))**

### CNS Office

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