



Canadian Nuclear Society 8th International Conference on Simulation Methods in Nuclear Science and Engineering



2018 October 9-11, Ottawa, Ontario, Canada



By Wladyslaw Taxiarchos, Wikimedia

Call for Papers

The Conference

The Canadian Nuclear Society will be holding its **8th International Conference on Simulation Methods in Nuclear Science and Engineering** in Ottawa, Ontario, Canada, October 9-11, 2018 (Tue -Thu).

Objective of the Conference

The objective of the Conference is to provide an international forum for discussion and exchange of information, results and views amongst scientists and engineers working in the various fields of nuclear science and engineering.

Topics of interest

The scope of the Conference covers all aspects of nuclear science and engineering, modelling and simulation, including, but not limited to:

- Reactor Physics
- Thermalhydraulics
- Safety Analysis
- Fuel and Fuel Channel Analysis
- Computer Codes and Modelling
- Verification & Validation of Computer Codes
- Best-Estimate and Probabilistic Safety Analysis
- Sensitivity and Uncertainty Analysis
- Monte Carlo and its Applications
- Operation Support
- Simulation for Fusion Energy Applications
- Advanced Reactors & Advanced Fuel Cycles
- Irradiated-Fuel, Proliferation Resistance
- Plant Refurbishment and Commissioning

Courses, Workshops and Tours (preliminary):

Tour to Chalk River Nuclear Laboratories (Fri 12)
Workshops on DRAGON and SERPENT (Tue 9)

Important dates and deadlines

Full-paper submission: 2018 May 1
Notification of acceptance: 2018 July 1
Final paper submission: 2018 September 1

Local Organising Committee

Executive Chair: Adriaan Buijs

McMaster University

Technical Program Chair: Eleodor Nichita

University of Ontario Institute of Technology

Plenary Program Chair: Wei Shen

CANDU Owners Group

Assistant Executive Chair: Ben Rouben

12&1 Consulting

Treasurer: Mohamed Younis

Retired (formerly AECL)

Conference Secretariat (All Inquiries):

CNS Office: cns-snc@on.aibn.com

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Guidelines for Submission of Papers:

Submissions should present facts that are new and significant or represent a state-of-the-art review. Detailed instructions and a template can be found on the conference website.

For more information please visit:

<http://cns-snc.ca/events/8icsmse/>