

Symposium on Plasma And Nuclear Systems SPANS-2016

Notice: 22-Dec-2016

Room: UA 1120

UOIT – Oshawa, ON, Canada

**Sponsors: IEEE-Toronto, NPSS Chapter, CNS – UOIT Chapter,
CNS – Fusion Science and Technology Division, CAP – Plasma Physics Division, IEEE-Canada**

Chair: Professor Hossam A.Gabbar (UOIT),

Contacts: Hossam.Gaber@uoit.ca

Information and updates, please visit: www.sege-conference.com/SPANS16CFP.pdf

Canadian Nuclear Society, SEGE

Message from SPANS Chair, Dr. Hossam A. Gabbar



Professor in the Faculty of Energy Systems and Nuclear Science, and cross appointed in the Faculty of Engineering and Applied Science, UOIT

UOIT is welcoming all attendees at SPANS. IEEE NPSS (Nuclear and Plasma Sciences Society), Toronto Chapter has been active in organizing workshops in plasma and nuclear systems since its establishment. The recent workshop was on Real Time Measurement, Instrumentation, and Control (RTMIC). This has been extended with the collaboration with CNS-Fusion Science and Technology Division, CAP – Plasma Physics Division to organize SPANS or Symposium on Plasma and Nuclear Systems. This symposium provides a unique opportunity for fruitful discussions and collaboration between industries and academia. In addition it provides great opportunities for students to present their work and have closer discussions with researchers, scientists, and professionals from industries to add great values to their skills and awareness of real industrial projects.

Student Competition

- The event will include student competition, please submit your abstract and author list to: Hossam.gabbar@uoit.ca by 10-Dec-2016, and complete the registration (at least one author)

TOPICS

- **Plasma Devices and Applications.**
- **Plasma Experiments, Diagnostics and Control.**
- **Plasma Simulation and Modeling.**
- **Nuclear Power Plant Safety Systems.**
- **Nuclear Power Plant Control Systems.**
- **Nuclear Power Plant Monitoring and Measurement Systems.**

Objectives of Symposium

- **This symposium is providing forum for researchers from academia and industry to present and discuss latest research innovations in nuclear and plasma systems.**
- **SPANS will provide attendees with state-of-the-art research and technologies and engage in active discussions with industry. Also it will provide industry with opportunities to promote their products and business cases.**
- **Attendees from regulators and standards will engage in fruitful discussions on how R&D is linked with regulations and standards.**

SPANS-2016

Call for Papers

Please send abstracts for papers to: hossam.gaber@uoit.ca

Presentations are organized by subtopics of this symposium

Abstract Deadline

20-Nov, 2016

SPANS-2016

Registration Fees: \$50

(Discount fee of \$30 for students, IEEE, CNS, and CAP Members)

Space is Limited (60 to 100 max)

(please send registration information to: hossam.gaber@uoit.ca)

Registration Deadline

20-Nov, 2016

For Registration:

www.sege-conference.com/SPANS.html

Public Transportation

- From Toronto:
GO Train from Union Station to Ajax GO Station,
Durham Transit Bus (No. 915 East) from Ajax Station
direct to UOIT Campus.

Train and Bus schedules are available at:

[GO Schedule](#)

[Durham Transit](#)

Select schedules from Toronto to Oshawa and vice versa. Choose "Lakeshore East" from the pull down menu.

Public Transportation

- From Airport:
You can use public transportation to move from airport to reach UOIT: [See Details](#)