

# SEMINAR NOTICE

*Department of Physics and Engineering Physics  
University of Saskatchewan*

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**SPEAKER:** Dr. Sayf Elgriw, Post Doctoral Fellow,  
Dept of Physics & Engineering Physics,  
(Candidate for Experimental Plasma Physics Faculty Position)

**TOPIC:** Overview of Theoretical and Experimental Plasma Research in the  
STOR-M Tokamak and HOPE Innovations Inc

**DATE:** Thursday, February 4, 2016

**TIME:** 3:30-4:30pm.

**PLACE:** Rm. 103, Physics Building

## **ABSTRACT:**

There is currently a global effort to develop a clean, abundant and sustainable energy source. Fusion energy has shown a great potential maintaining the high energy demand with low pollution levels. The most successful approach for generating such energy has been achieved by a magnetic device called tokamak. During my graduate studies, I had the pleasure of working on the Saskatchewan Torus-Modified (STOR-M) tokamak, the only research tokamak in Canada. I also had the opportunity to work as a postdoctoral fellow with HOPE innovations Inc, a Canadian company developing new energy solutions. In this talk I will share my research experience I gained during my graduate and postgraduate career on tokamaks, diagnostics, data analysis and simulations.

Coffee and Cookies will be served in the Physics lounge at 3:00 pm. for those attending the seminar.