

SEMINAR NOTICE

*Department of Physics and Engineering Physics
University of Saskatchewan*

SPEAKER: Dr. Ward Wurtz, Accelerator Physicist
Canadian Light Source

TOPIC: *The BTS Upgrade Project: Physics and Project Management*

DATE: Tuesday October 25th

TIME: 3:30-4:30 p.m.

PLACE: *Physics 103*

Abstract:

The Canadian Light Source (CLS) uses an electron storage ring to produce photons for science. In order to get electrons into the storage ring, CLS uses a series of particle accelerators and transfer lines. The BTS, the booster-to-storage ring transfer line, is the final stage of this injection chain before the storage ring. In order to improve the injection process, we initiated an upgrade project for the BTS. This presentation discusses the physics of one aspect of the project, the BTS scrapers. This presentation also provides an introduction to project management targeted to physics students.

Due to the ongoing COVID-19 pandemic, I ask everyone who is able to wear a mask, please wear a mask to this presentation.