

SEMINAR NOTICE

*Department of Physics and Engineering Physics
University of Saskatchewan*

SPEAKER: Mark Boland, Associate Professor
Physics & Engineering Physics

TOPIC: *Accelerator Physics: An Enabler for Science*

DATE: April 3rd, 2018

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

PLACE: Physics 103

ABSTRACT:

There are over 40,000 particle accelerators worldwide ranging in scale from the 27 km long Large Hardon Collider to table top laser driven plasma wakefield accelerators. With each new advancement in particle accelerators there is corresponding advancement in the many fields of science that rely on them as critical research tools. One of the most useful and versatile such accelerators has proven to be the electron storage ring which is used extensively in synchrotron light facilities such as the Canadian Light Source. This lecture will cover some of the history of the development of accelerators, the physics of particle accelerators and some of the latest developments in the field.

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