

**YORK UNIVERSITY  
DEPARTMENT OF EARTH AND SPACE SCIENCE AND  
ENGINEERING  
and  
CENTRE FOR RESEARCH IN EARTH AND SPACE SCIENCE  
S E M I N A R**

**Ian Proper  
Engineer, Canadian Space Agency**

**Professional Engineering Practice in Space**

ABSTRACT

In this presentation, Mr. Proper – a former York Space Engineering student, currently a thermal engineer at the Canadian Space Agency – will describe his personal experience and perspective of professional engineering practice. He will briefly outline his current work at the Canadian Space Agency as a space engineer working from both a client perspective and as a service representative to industry. Additionally, he will touch on the requirements of working as a partner agency with other countries to maximize technical capabilities. He will also comment on various aspects of engineering practice as a recent graduate and research scientists in practice related to ethical issues in employment, research ethics, licensing procedure and needs, management skills and life-long learning.

BIOGRAPHY

Ian Proper is a Thermal Engineer with the Canadian Space Agency. He currently works in Ottawa at the David Florida Laboratory, Canada's government spacecraft qualification and testing facility. He graduated from York's Space engineering program in 2007, and then from the Earth and Space Science program in 2010. Since starting with the agency in 2011, Ian has worked on a variety of projects, including Radarsat Constellation Mission, NEOSSat, and the Resource Prospector Mission concept assessment.

Refreshments will be served at 11:30 a.m. in Room 307 Accolade West Building.

**DATE:** Friday, October 3rd, 2014  
**TIME:** 11:30 a.m.  
**LOCATION:** Room 307, Accolade West Building (ACW)