

Computational and Applied Mathematics Seminar

**Dr. Thormod Johansen,
Faculty of Engineering and Applied Science/Earth Science
Professor and Canada Research Chair**

**March 14, 2012
10:00a.m., HH-3017**

*A Modular Approach to Integrated Modeling of
Advanced Wells*

Abstract:

The presentation is an overview of various aspects related to simulation of advanced wells, covering fluid and heat flow problems from the reservoir to the wellhead. For each sub-problem, novel solutions will be proposed together with calculated examples, utilizing numerical, empirical and analytical methods.