

Department of Physics and Physical Oceanography &
CAP Undergraduate Lecture Tour 2012
present



The Canadian Association of Physicists

Adventures at the Terrascale: ATLAS and the Large Hadron Collider

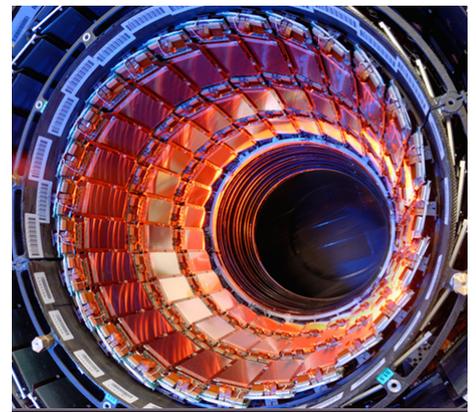
Undergraduate Lecture: Thursday, March 1, 2012
3:30pm room C2045



Dr. William Trischuk

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We are now completing the second full year of LHC operation. It is the highest energy particle collider in the world and will soon have the largest dataset of hadron collisions anywhere in the world. After describing some of the technical achievements that went into make the ATLAS experiment and the LHC the world's largest scientific undertaking, I'll describe the physics we are doing now and what we can hope to say about the existence (or non-existence) of the Higgs boson in 2012.

Anyone (undergrads, grads, staff & faculty) interested in meeting Dr. Trischuk is invited to an informal free pizza lunch from 12:00 to 12:40 in room C2039