



PHYSICS AND ASTRONOMY SEMINAR

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“The Thirty-Meter Telescope”

Abstract

The extremely large telescopes will revolutionize our understanding of the Universe at all epochs of our cosmic timeline. Space-time geometry, dark matter, supermassive black holes, galaxies, planetary systems and ultimately life are all areas of research where transformational discoveries are expected. The Thirty Meter Telescope will be equipped with a powerful suite of adaptive optics systems and science instruments that seek to realize this exciting scientific potential. Canada is partnering with the United States, India, China and Japan in this large international collaboration and is responsible for delivering key elements of the observatory. This talk will present the science and the engineering driving the construction of this exciting new facility.

Friday, October 25, 2013
10:30 a.m.
MacLaurin Building
Room D114