PHYSICS & ASTRONOMY COLLOQUIUM

Date:    Thursday, 19th September 2013
Time:    1:30 p.m.
Location:  Physics & Astronomy Seminar Room 100

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Waterloo ON

“Higgs Bang—a minimalist’s cosmology”

ABSTRACT

Recent measurements made by the Large Hadron Collider and the Planck Satellite have a surprising implication: nature is simpler than was expected according to the most popular theoretical paradigms. The new observations hint at a new, elegant explanation for the state of the cosmos, based on the principle that there is no fundamental length, mass or time scale in nature. Instead, all such scales emerge through a fascinating interplay between the Higgs field and gravity, which has the potential to explain the broad features of the universe.

Refreshments will be available.