



# PHYSICS AND ASTRONOMY COLLOQUIUM

## Dr. Douglas Scott

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### “Planck, the Universe, and Everything”

#### Abstract

The Planck satellite has completed its mission to map the microwave sky at nine separate frequencies. This enables us to learn about the physics of the interstellar medium in our Galaxy, and to remove this foreground emission in order to extract the cosmological information from the background radiation. Planck's measurements lead to an improved understanding of the basic model which describes the Universe on the very largest scales. And although we can now define the Cosmos in terms of a few basic assumptions and a handful of numbers, of course many questions remain unanswered.

Wednesday, January 08, 2014

3:30 p.m.

Bob Wright Centre

Room A104