



Western University
DEPARTMENT OF PHYSICS AND ASTRONOMY

PHYSICS & ASTRONOMY COLLOQUIUM

Date: Thursday, 22nd September 2016
Time: 1:30 p.m.
Location: Physics & Astronomy Seminar Room 100

Dr. Paul Wiegert

Department of Physics & Astronomy
Western University

***“Detecting invisible planets and four other neat-o things
Planetary Dynamics can do for you”***

ABSTRACT

The question of how planets and other bodies orbiting the Sun behave and interact is one of the oldest problems in physics. But despite the long history of Planetary Dynamics, the richness of non-linear systems of this type continues to present us with surprises and opportunities for 21st century discoveries. I will outline a few of the current Planetary Dynamics research projects being worked on here at Western. Included on the menu are how one comet can make eight meteor showers, how to watch a meteor shower on another planet while you're sitting on the Earth, how the Moon helped capture an ill-fated temporary moon of our planet, whether pieces of the Martian moons, Phobos and Deimos, could ever hit you on the head, and two different ways of detecting 'invisible' planets orbiting other stars.

Coffee will be available in the Atrium, 2nd floor, at 1:15 p.m.

We look forward to seeing you at the Colloquium! As a courtesy to the speaker and audience, please set your cellphones to “silent” mode. Thanks!