

SEMINAR NOTICE

*Department of Physics and Engineering Physics
University of Saskatchewan*

SPEAKER: Dr. Steven Rayan
Math & Stats, University of Saskatchewan

TOPIC: *The Inside Looking Out: Challenges for Geometry from Physics*

DATE: September 19, 2017

TIME: 3:30-4:30 p.m.

PLACE: Physics 103

ABSTRACT:

Geometry aims to give meaningful mathematical descriptions of what we see around us. I will highlight some spectacular interactions that geometry and physics have had in the pursuit of such descriptions. In particular, through examples such as Calabi-Yau manifolds and mirror symmetry, I will emphasize how geometers and physicists have, at various times, embraced each other's ideas, questioned each other's assumptions, ignored each other, and have been shocked to discover that they were working on the same thing at the same time but for different reasons.

Coffee and Cookies will be served in Physics lounge at 3:00 p.m. for those attending the seminar.