



Western University
DEPARTMENT OF PHYSICS AND ASTRONOMY

PHYSICS & ASTRONOMY COLLOQUIUM

Date: Thursday, 8th September 2016
Time: 1:30 p.m.
Location: Physics & Astronomy Seminar Room 100

Dr. Anahi Granada

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“Be stars as probes of critical rotation and its effect on environment and stellar evolution”

ABSTRACT

Stellar rotation plays a fundamental role in the evolution of stars. Be stars, known to be among the fastest rotating B-type stars, constitute an ideal laboratory to understand the physics of rotation and its effects on the circumstellar environment, as well as how it affects stellar evolution and death. By combining Geneva stellar models, which account for the effects of rotation, with detailed BEDISK/BERAY circumstellar disk models, we contribute to the understanding of the appearance of the Be phenomenon in rapidly rotating B-type stars, both from theoretical and observational points of view. In this talk I will present the main results obtained during my postdoctoral stay at Western.

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!