



Western University
Department of Physics and Astronomy

PHYSICS & ASTRONOMY COLLOQUIUM

Date: Thursday, 5th October 2017
Time: 1:30 p.m.
Location: Physics & Astronomy Seminar Room 100

Dr. Rodrigo Vieira
Department of Astronomy
University of São Paulo

"The life cycles of Be star disks"

ABSTRACT

Be stars are main sequence objects surrounded by a gaseous disk ejected by the star itself. Although the ejection mechanism is not yet fully understood, it is partially credited to the close to critical rotation observed in these objects. In this talk, I will present our recent results about the life cycles of these viscous disks, based on the interpretation of the infrared SED of 80 Be stars. Finally, I will show the preliminary results of our current work, in which we observed 22 objects in high angular resolution using infrared interferometry.

COFFEE + light snacks will be available in the Atrium, 2nd floor, at 1:15 p.m.