



PHYSICS AND ASTRONOMY SEMINAR

Dr. Carlos Vera Ciro

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“The Effect of Radial Migration on the Structure of Galactic Disks”

Abstract

I will talk about the radial motions of stars in galactic disks triggered by the presence of non-axisymmetric (spiral) features. We conclude that, contrary to what is commonly believed, radial migration is not important enough to generate a thick disk, moreover, the stars that migrate tend to cool down the vertical distribution of velocities at every radius.

Wednesday, April 30, 2014

2:00 p.m.

Elliott Building

Room 060