

NYC Dynamics Seminar at Yeshiva University

Federico Rodriguez Hertz (Penn State)

will speak on

New developments in smooth rigidity of lattice actions.

Wednesday, April 6th, 5pm

Lectures will last 1 hour and be followed by 30 minutes for further lecture and/or discussion.

Yeshiva University, 215 Lexington Ave, Room 506

On the SW corner of Lexington Ave and 33rd Street. You will need to sign in.

Abstract:

In joint work with A. Brown and Z. Wang we were able to show some new rigidity results for higher rank lattice actions that in one way or other display some hyperbolicity. The main technical tool is the notion of resonance that will be discussed in the talk. In particular we prove global rigidity results for Anosov actions on nilmanifolds and also for actions on low dimensions.

Seminar website: <http://nycdynamics.s3-website-us-east-1.amazonaws.com/>