

SEMINARIO SISTEMAS DINÁMICOS DE SANTIAGO.

EXPOSITOR(A): Sebastián Muñoz-Thon (Purdue University & Université Paris-Saclay, Francia)

TÍTULO: *Linearized marked length spectrum rigidity for general Anosov flows.*

RESUMEN: In this talk I will present some work in progress in a linearized version of the marked length spectrum rigidity for general Anosov flows (also known as Burns-Katok conjecture). I will begin with an introduction to the microlocal techniques used by Guillarmou and Lefeuvre to solve the problem in the case where metrics of negative curvature are close enough. Then, I will show how to generalize some aspects from the geodesic flow to more general ones, as the magnetic or thermostat flows, under some reasonable dynamical assumptions. This is a joint work with Sean Richardson (University of Washington).

DÍA / HORA: Lunes 11 de agosto, 2025 / 16:30 - 17:30 hrs.

LUGAR: Sala 2, Facultad de Matemáticas, Campus San Joaquín, Pontificia Universidad Católica de Chile.

