

Symplectic Geometry Seminar

Monday, Oct 28

4:00pm-5:00pm, room 383N

Albert Fahti (ENS Lyon)

“Lyapunov forms”

Abstract: Pursuing a work that was done with Pierre Pageault on Lyapunov functions, for a dynamical system, we study the problem of existence closed 1-forms whose integral along orbits is non-positive, thus generalizing some work of Schwartzman—compare also with the work of Farber, Kappeler, Latschev, and Zehnder.