SEMINARIO DI GEOMETRIA E ALGEBRA

UNIBA - POLIBA

Lunedì 5 Maggio 2025 - Ore 15:30
Dipartimento di Matematica UniBa, Aula IX (primo piano)

Ana Cristina Ferreira

CMAT, University of Minho, Portugal
Visiting Professor UniBa

Dynamics and completeness of the geodesic flow on pseudo and holomorphic Riemannian manifolds

Abstract. We will present a self-contained overview on the geometry of the geodesic flow of Lie groups with left-invariant pseudo-Riemannian or holomorphic-Riemannian metrics. As well as recalling some beautiful and seminal classical theory, we will present some recent developments in this topic. This talk will be based on a series of joint works with S. Chaib, A. Elshafei, H.Reis, M. Sanchez and A. Zeghib.

https://sites.google.com/view/sga-poliuniba/home-page