



SCUOLA
NORMALE
SUPERIORE

SEMINARIO DI MATEMATICA

Martedì 22 settembre 2015
ore 15:00

Scuola Normale Superiore
Pisa
Aula Bianchi Scienze

Fabio Zuddas
(Università di Udine)

Terrà un seminario dal titolo:

“Symplectic invariants of Hermitian symmetric spaces”

Abstract:

The Gromov width of a symplectic n -dimensional manifold M gives the sup of the $r > 0$ such that there exists a symplectic embedding of the open ball of radius r of the euclidean n -dimensional space (endowed with the standard symplectic form) into M . In this talk we compute the Gromov width of Hermitian symmetric spaces of compact and non-compact type. The theorems we present are contained in a paper joint with A.Loi and R.Mossa recently accepted for publication in the Journal of Symplectic Geometry, and generalize analogous results proved by Guangcun Lu for Grassmannians and their products.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze Matematiche e Naturali