



UNIVERSIDADE DE LISBOA
CENTRO DE MATEMÁTICA E APLICAÇÕES FUNDAMENTAIS
Av. Prof. Gama Pinto 2, 1649-003 LISBOA, PORTUGAL Tel. (351) 217 904 700 FAX (351) 217 954 288

SEMINÁRIO DE GEOMETRIA

Dia 22 de Março (quinta-feira), às 15h, na Sala B1-01

The equator of a symmetric space

Peter Quast

(Universidade de Augsburg)

Abstract:

A Symmetric space is a Riemannian manifold that allows for isometric reflections in each point. Therefore its isometry group is large and symmetric spaces are interesting objects in geometry and other fields of mathematics. In my talk I will introduce submanifolds of compact symmetric spaces that generalize the equator of a sphere. I will describe some of their beautiful geometric properties and discuss applications to periodicity phenomena in topology.

Local:
COMPLEXO INTERDISCIPLINAR
Av. Prof. Gama Pinto, 2
1649-003 Lisboa

