

SEMINARIO DE GEOMETRÍA

Lunes, 27 de febrero de 2012

16:00 h., **Sala Naranja** (ICMat, Campus de Cantoblanco)

Wilderich Tuschmann

Karlsruher Institut für Technologie

Curvature
vs.
Curvature Operator

Resumen:

Global Riemannian Geometry seeks to understand the relations between metrical properties of manifolds and their global topological shape. And of special interest are here the interactions between topology and certain curvature entities.

The talk will deal with recent developments in the global geometry and topology of manifolds with nonnegative and almost nonnegative curvature and curvature operator resp. and, in particular, describe how to distinguish these classes from each other.