

# SEMINARIO DE GEOMETRÍA

Jueves, 2 de febrero de 2012

12:00 h., [Sala Naranja](#) (ICMat, Campus de Cantoblanco)

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Matchbox manifolds, Cantor Bundles  
and Solenoids.

**Resumen:**

Matchbox manifolds arise naturally in the mathematical world: minimal sets of flows or foliations, geodesic laminations in 3-manifolds, envelopes of tilings, etc.

We will present several particular families of “regular” matchbox manifolds: Cantor bundles and principal Cantor bundles, solenoids and McCord solenoids, homogeneous and equicontinuous matchbox manifolds, . . .

Our aim will be to describe at least partially the relationship between these different categories and present a list of open questions and problems in this field of research.