

# SEMINARIO DE ANÁLISIS Y APLICACIONES

Viernes, 3 de noviembre de 2017

11:30 h., Módulo 17 - Aula 520 (Depto. Matemáticas UAM)

**Alan Chang**

University of Chicago

The Kakeya needle problem for  
rectifiable sets

**Resumen:**

We show that the classical results about rotating a line segment in arbitrarily small area and the existence of a Besicovitch and a Nikodym set hold if we replace the line segment by an arbitrary rectifiable set. This is joint work with Marianna Csörnyei.

ICMAT CSIC-UAM-UC3M-UCM  
Departamento de Matemáticas. U.A.M.

