ICMAT

INSTITUTO DE CIENCIAS MATEMÁTICAS

ANALYSIS & APPLICATIONS
seminar

THE KAKEYA NEEDLE PROBLEM FOR RECTIFIABLE SETS

PLACE: Aula 520, Módulo 17, Departamento de Matemáticas, UAM (Campus de Cantoblanco, Madrid).

DATE: Friday, 3 November, 2017 - 11:30 h

SPEAKER: Alan Chang (University of Chicago)

ORGANISER: ICMAT-UAM

ABSTRACT: 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.