

SEMINARIO DE ANÁLISIS Y APLICACIONES

Martes 17 de Septiembre de 2019,

14:30 h., [Aula Gris](#) (ICMAT)

Felipe Ponce Vanegas

BCAM - Basque Center for Applied Mathematics

A Bilinear Approach to Calderón's Problem

Resumen:

The Calderón's problem is to decide whether the conductivity of a body can be uniquely recovered from measurements of potential and current at the boundary. In this talk I will introduce the problem and the main ideas behind the method of Complex Geometrical Optics (CGO) solution. Finally, I will show how bilinear estimates come into the method, and what is the extension of Tao's bilinear theorem we need.

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

