



## CURSO DE MASTER/DOCTORADO

**Prof. Francesco Maggi**

(University of Texas at Austin, EEUU)

Will give a series of lectures (8 hours) entitled

## **Mass transportation, inequalities and applications to PDE**

During the week of March 2-6, 2015

*The first lecture will be Monday March 2, 2015,  
from 14:15 to 15:45*

*in the room 520 of the Departamento de Matemáticas*

**Abstract:** This short course reviews some classical results and applications of mass transportation theory. Starting from the construction of the Brenier's map, we shall review its applications to geometric and functional inequalities and to the study of dissipative equations.

**This activity has been organized by  
M. Bonforte, D. Faraco, L. Guijarro  
and has been sponsored by  
the ERC grant 301179**

