

WORKSHOP DE EDPs **UAM - PARIS DAUPHINE**

27-28 JENERO 2009

MARTES 27 : AULA C-XV 502 DEPTO MATEMATICAS UAM

- 10.15 **JUAN LUIS VAZQUEZ:** "Bienvenida / Presentation of the Workshop"
10.30 **JEAN DOLBEAULT:** "Asymptotic behaviour for small mass in the two-dimensional parabolic-elliptic Keller-Segel model"
11:20 **BREAK**
11.40 **FERNANDO QUIROS:** "Long time behaviour for the porous medium equation in domains with holes"
12.30 **IVAN GENTIL:** "Phi-entropy inequalities for diffusion semigroups"
13.20 **LUNCH**

MIERCOLES 28: AULA C-XV 502 DEPTO MATEMATICAS UAM

- 10.30 **GUILLERMO REYES:** "The Cauchy problem for the inhomogeneous porous medium equation: Finite energy solutions and their asymptotic behaviour"
11:20 **BREAK**
11.40 **BRUNO NAZARET:** "Entropy methods for nonlinear inhomogeneous flows on Riemannian manifolds"
12.30 **MATTEO BONFORTE:** "Special fast diffusion with slow asymptotics. Entropy method and flow on a Riemannian manifold"
13.20 **LUNCH**

ORGANIZADORES

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