

# Nonlinear Partial Differential Equations

Universidad Complutense de Madrid

Seminario A. Dou del Departamento de Matemática Aplicada

Viernes, 23 de septiembre de 2016

**10:00 S. Fernández-Rincón** (UCM, Madrid) A singular perturbation result in competition theory.

**10:40 L. Maire** (UCM, Madrid) Coupled versus uncoupled blow-up rates in cooperative logistic systems with  $n$  species.

**11:20 A. Tellini** (CNRS-EHESS, Paris) High multiplicity and bifurcation diagrams for positive solutions to a class of superlinear indefinite problems.

**12:00-12:30** Coffe break.

**12:30 E. N. Dancer** (US, Sydney) The exact number of stable positive solutions for nonlinear elliptic partial differential equations with small diffusion.

(Opening Ceremony of the Seminar of Applied Mathematics, 2016-17)



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