

# Nonlinear Partial Differential Equations

Complutense University of Madrid (18-12-2015)

Seminario A. Dou del Departamento de Matemática Aplicada

**09:45** **Andrea Tellini (CNRS-EHESS, Paris)**, Bifurcation diagrams for superlinear indefinite problems with asymmetric weights

**10:30** **José C. Sabina de Lis (La Laguna, Tenerife)**, Hopf's lemma in weak form: some applications

**11:15-12:00** Coffee Break

**12:00** **Pierpaolo Omari (UDS Trieste)**, Positive solutions of a class of capillary equations

**12:45** **Jean L. Mawhin (UC Louvain-la-Neuve)**, Second order ordinary differential systems with nonlocal boundary conditions at resonance

