

INTERNATIONAL WORKSHOP ON NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS

MARCH 7TH, 2019, ALBERTO DOU SEMINAR

10:00 E. MUÑOZ-HERNÁNDEZ (UCM)

From a degenerate to a non-degenerate predator-prey model via the twist theorem of Poincaré and Birkhoff

10:30 D. ALEJA (URJC)

Periodic-parabolic logistic equations with indefinite weights

11:00 S. CANO-CASANOVA (UPCo)

Existence and point-wise behavior of positive solutions in a class of heterogeneous bvp's with nonlinear bc's

11:30 L. MAIRE (URJC)

Behavior of the boundary blow-up rates in cooperative n-species systems

12:00 Coffee Break

12:30-13:30 L. VÉRON (Tours)

Initial trace of positive solutions of some nonlinear diffusion equations

13:30 Lunch

15:00 S. FERNÁNDEZ-RINCÓN (UCM)

The effects of the spatial heterogeneities on the dynamics of a R-D competition model

15:30 A. TELLINI (UPM)

Relaxation of double-well potentials in nonlocal variational problems



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