



Ph.D. programme in Mathematics and Computer Science

Title: Lectures in Nonlinear Analysis and Differential Equations

General Information: The course is intended for doctoral students and young researchers interested in Nonlinear Analysis and Differential Equations.

The classes will be given in Aula MT11, Department of Mathematics and Computer Science, University of Calabria, Cubo 30B, first floor.

During the same period our University will host one talk given by a participant, this is included here for completeness.

Course Lecturers:

- **Daria Bugajewska**, Adam Mickiewicz University, Poland
Nonlinear operators in the spaces of functions of bounded variation of various types and their applications.
- **Petru Jebelean**, West University of Timisoara, Romania
Singular ϕ -Laplacians - fixed points and variational methods.
- **Piotr Kasprzak**, Adam Mickiewicz University, Poland
Eigenvalues of nonlinear operators with applications to integral and differential equations.

Guest Speaker:

- **Feliz Minhós**, University of Evora, Portugal
Solvability of third order nonlinear coupled systems.

Course dates	Time	Room
MONDAY 23 MAY	09:00-13:00	MT11-30B
TUESDAY 24 MAY	09:00-13:00	MT11-30B
WEDNESDAY 25 MAY	09:00-13:00	MT11-30B
THURSDAY 26 MAY	09:00-13:00 16:00-18:00	MT11-30B
FRIDAY 27 MAY	09:00-13:00	MT11-30B