Current Issues in PDEs and Stochastics

Bucharest, June 1ˢᵗ, 2016

PROGRAM

09:00–09:30 **Gianni Gilardi** — Well-posedness results and control problems for a nonstandard phase field system with a nonlocal term

09:30–10:00 **Marius Tucsnak** — Analysis of the adiabatic piston problem using the 1D compressible Navier-Stokes system

10:10–10:40 **Mimmo Iannelli** — On a control model for Tuberculosis epidemics

10:40–11:10 **Pierluigi Colli** — On a class of Cahn–Hilliard type phase field systems modelling tumor growth

Coffee Break

11:30–12:00 **Angelo Favini** — Identification for degenerate integro-differential equations

12:00–12:20 **Oana Lupaşcu** — Nonlinear PDEs related to Markov processes on finite configurations

12:25–12:45 **Gabriela Marinoschi** — Well-posedness of a new self-organzing criticality type model with two singularities

12:45–13:05 **Lucian Beznea** — Measure-valued branching processes associated with Neumann nonlinear semiflows