CURRENT TRENDS IN APPLIED MATHEMATICS - 2020

PROGRAMME

Monday, September, 21

- **10:00-10:30: Viorel Barbu**, *Boundary controllability of phase-transition region of a two-phase Stefan problem*
- **10:30-11:00: Pierluigi Colli**, *Sliding mode control for the viscous Cahn-Hilliard system*
- **11:00-11:30: Mimmo Iannelli**, *Modeling COVID-19 dynamics: early growth, lockdown, unlocking*
- **11:30-12:00: Gabriel Turinici**, *Structured coronavirus epidemic models*

- **15:00-15:30: Dan Tiba**, *Implicit parametrizations and applications in optimization and control*
- **15:30-16:00: Liviu Marin**, *An iterative algorithm for the Cauchy problems associated with the steady-state anisotropic heat conduction*
- **16:00-16:30: Elisabetta Rocca**, *On some diffuse interface models of tumor growth*
- **16:30-17:00: Mădălina Petcu**, *Relative energy approach to a diffuse model of a compressible two-phase flow*

Tuesday, September, 22

- **10:00-10:30: Constantin Zălinescu**, *On the global shape of convex functions on locally convex spaces*
- **10:30-11:00: Marius Durea**, *Metric conditions on sets applied to constraint systems*
- **11:00-11:30: Petru Jebelean**, *Multiple solutions to odd perturbations of the Minkowski operator*
- **11:30-12:00: Adina Ciomaga**, *Stochastic homogenization of interfaces*
