



Facultatea de Matematică

UNIVERSITATEA "ALEXANDRU IOAN CUZA" DIN IAȘI

Workshop on Applied Mathematics

- 14:00–15:00 **Gheorghe Moroșanu** (Central European University, Budapest & "Babeș–Bolyai" University, Cluj-Napoca)
Eigenvalues of the negative (p, q) – Laplacian under various boundary conditions
- 15:00–15:30 **Alexandru Kristály** ("Babeș–Bolyai" University, Cluj-Napoca)
Sobolev inequalities versus curvature
- 15:30–16:00 **Csaba Farkas** (Sapientia University, Târgu Mureș)
Schrodinger-Maxwell system on Riemannian manifolds
- 16:00–16:30 **Coffee Break**
- 16:30–17:00 **Nicușor Costea** (Technical University, Bucharest)
Weak solvability for Dirichlet partial differential inclusions in Orlicz-Sobolev spaces
- 17:00–17:30 **Gabriela Lițcanu** ("Octav Mayer" Institute of Mathematics, Iași)
Blow-up versus global behaviour in chemotaxis-haptotaxis models
- 17:30–18:00 **Sebastian Anița** ("Alexandru Ioan Cuza" University of Iași)
Regional control in optimal harvesting
- 18:00–18:30 **Paul Georgescu** ("Gheorghe Asachi" Technical University of Iași)
Boundedness and stability results for models of mutualism via reproductive ratios

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- **Date and venue:** 4th of April 2017, Conference Room, Faculty of Mathematics
 - Other issues (e.g., dinner, accomodation for external participants etc.) will be discussed on the very same day.
 - **Local contact:** Dr Iulian Stoleriu (iulian.stoleriu@uaic.ro)