CURRENT TRENDS IN APPLIED MATHEMATICS
September, 10-11, 2018

Programme

Monday, 10/09/2018 – Sala mică de conferinţe, Romanian Academy - Iași Branch

8:30-9:00	Viorel Barbu	*Semilinear Stochastic parabolic equations with measure as initial data*
9:00-9:30	Lucian Beznea	*Connections between the Dirichlet and the Neumann problem for integrable boundary data*
9:30-10:00	Cecilia Cavaterra	*A nonlinear model for marble sulphation including surface rugosity: theoretical and numerical results*
10:00-10:30	Andrei Perjan	*Some convergence estimates for abstract linear second order differential equations with two small parameters and monotone nonlinearities*
10:30-11:00	**Coffee break**	

Symposium dedicated to the

11:00-12:30   *90th anniversary of academician Constantin Corduneanu*

Aula Mare, Romanian Academy – Iași Branch

Tuesday, 11/09/2018 – Sala mică de conferinţe, Romanian Academy - Iași Branch

8:30-9:00	Pierluigi Colli	*A diffuse interface model for tumor growth and the sliding mode control problem*
9:00-9:30	Dorin Ieşan	*On the deformation of hemitropic porous cylinders*
9:30-10:00	Rodica Toader	*Existence for dynamic Griffith fracture with a maximal dissipation condition*
10:00-10:30	Petru Jebelean	*Dirichlet systems with Minkowski operator and Lane-Emden nonlinearities*
10:30-11:00	**Coffee break**	
11:00-11:30	Vasile Glăvan	*On The Fundamental Theorem of Dynamical Systems*
11:30-12:00	Valeriu Guţu	*Topological mixing and Specification in weakly contracting relations*
12:00-12:30	Marius Durea	*Stability of the directional regularity of mappings*
12:30-13:00	Constantin Zălinescu	*On quadratic optimization problems with quadratic constraints and duality*