PROGRAM PRELIMINAR

WORHSHOP EXPLORATORIU

Directii actuale si de perspectiva in cercetarea matematica

Miercuri, 17 Septembrie 2008

9:00 – 9:30 Dan Burghelea, *Ceremonia de deschidere*

9:30 – 10:20 Daniel Tataru: *Critical problems in nonlinear dispersive equations*

10:20 – 10:40 Pauza de cafea

10:40 – 11:30 Doina Cioranescu: *Multi-scale structures and homogenization*

11:40 – 12:30 Liviu Ornea: *Locally conformally Kaeler geometry*

12:30 - 15:00 Pauza de pranz

15:00 - 15.50 Aurel Rascanu: *Backward stochastic differential equations and financial models*

15:50 – 16:10 Pauza de cafea

16:10 – 17:00 Petru Mironescu: *Sobolev spaces of manifold valued maps*

17:10 - 18:00 Cristian Faciu, Sanda Cleja-Tigoiu: *Research trends in solid mechanics: tradition and novelty*

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9:30 – 10:20 Gabriel Turinici: *Quantum chemistry and control: theoretical, experimental and numerical challeges*

10:20 – 10:40 Pauza de cafea

10:40 – 11:30 Sebastian Anita: *Internal nonnegative stabilization for some parabolic equations*

11:40 - 12:30 Camil Muscalu: *On a new multi-parameter structure in harmonic analysis and its connections to the theory of differential equations*

12:30 – 15:00 Pauza de pranz

15:00 – 15:50 Paltin Ionescu: *On manifolds covered by lines*

15:50 – 16:10 Pauza de cafea

16:10 – 17:00 Florin Radulescu: *Applications of Operator Algebra in Number Theory*

17:10 – 18:00 Marius Tucsnak: *Ingham-Beurling inequalities, number theory and control of PDE's*