

Workshop exploratoriu

Teme actuale de cercetare in matematici aplicate

IMAR, Bucuresti, 22, 23 septembrie 2010

PROGRAM

Miercuri, 22 septembrie 2010

8:45 - 9:30	Ioan R. Ionescu (Paris): <i>Mathematical modeling of snow avalanches</i>
9:35 -10:20	Stan Chirita (Iasi): <i>Spatial behaviour in continuum mechanics</i>
10:25-11:10	Balint Toth (Budapest): <i>Long time asymptotic behavior of self-repelling random processes</i>
Pauza cafea	
11:30-12:15	Ileana Streinu (Northampton): <i>Folding Carpenter's Rules, Robot Arms, Proteins</i>
12:20-13:05	Gabriela Marinoschi (Bucharest): <i>Epidermis growth from biology to mathematics and vice-versa</i>
Pranz	
14:30-15:15	Lori Badea (Bucharest): <i>Multigrid methods for nonlinear problems</i>
15:30-16:30	Masa rotunda: <i>Industrial Mathematics: how it is used by efficient and competitive companies/corporate sector</i>
Pauza cafea	
17:00-17:45	Florin Avram (Pau): <i>Are Lie algebraic-geometric methods useful for studying Markovian processes?</i>
17:50-18:35	Constantin Tudor (Bucharest): <i>Some classes of stochastic processes in finance</i>
Cina	
19:45-20:45	Masa rotunda: <i>finantarea proiectelor internationale de matematici aplicate; programe internationale in invatamantul superior matematic</i>

Joi, 23 septembrie 2010

8:45 - 9:30	Mihai N. Pascu (Brasov): <i>Couplings of reflecting Brownian motions and applications</i>
9:35 -10:20	Sorin Mitran (Chapel Hill, North Carolina): <i>Multiscale computation of phenomena away from microscopic equilibrium</i>
10:25-11:10	Mircea Sofonea (Perpignan): <i>History-dependent quasivariational inequalities with applications in contact mechanics</i>
Pauza cafea	
11:30-12:15	Andrei Constantinescu (Paris): <i>Inverse problems in solid mechanics</i>
12:20-12:50	Daniel Onofrei (Salt Lake City, Utah): <i>Cloaking: Recent results and perspectives</i>
12:55-13:25	Andrei Draganescu (Baltimore): <i>Multigrid methods in PDE constrained optimization</i>
Pranz	
14:30-16:30	Dezbatere "Criteriile de evaluare a cercetarii stiintifice din universitati, pe domenii specifice" - Proiect DSE „ <i>Doctoratul in Scolii de Excelenta- Evaluarea calitatii cercetarii in universitati si cresterea vizibilitatii prin publicare stiintifica</i> ”. Moderator: Liviu Ornea
Pauza cafea	
17:00-18:00	Dezbatere" Criteriile de evaluare a cercetarii pe domenii specifice in universitati" Proiect DSE „ <i>Doctoratul in Scolii de Excelenta-Evaluarea calitatii cercetarii in universitati si cresterea vizibilitatii prin publicare stiintifica</i> ". Moderator: Liviu Ornea