

8th International Conference on Mathematics and Informatics

Day 1

Time: Thursday, September 9, 09:50-12:30 , EET (UTC+03:00) Room: https://meet.google.com/wdr-jkdu-xms Session Chair: Liviu Ignat	
9:50	Opening
10:00	First and second order Caffarelli-Kohn-Nirenberg type inequalities: sharp constants and minimizers. Cristian Cazacu
11:00	Sharp existence and classification results for nonlinear elliptic equations in $\mathbb{R}^N \setminus \{0\}$ with Hardy potential Maria Farcaseanu
11:30	Torsional creep problems involving Grushin-type operators Denisa Stancu-Dumitru
12:00	Remote motion planning of rigid bodies immersed in a 2D perfect incompressible fluid József Kolumbán
12:30	Lunch break (1 hour)
Time: Thursday, September 9, 13:30-16:00 , EET (UTC+03:00) Room: https://meet.google.com/wdr-jkdu-xms Session Chair: Zoltán Makó	
13:30	Mean Field Games and Master Equations Alpár R. Mészáros
14:30	Operator splitting and its applications István Faragó
15:00	Operator-based iterative methods for nonlinear elliptic PDEs János Karátson
15:30	Operator splitting and alternating process Lívia Boda
16:00	Break (15 minutes)

Time: Thursday, September 9, 16:15-19:15, EET (UTC+03:00)

Room: <https://meet.google.com/wdr-jkdu-xms>

Session Chair: Cristian Cazacu

16:15	Ground states for an Hartree-Fock type system Pietro d'Avenia
17:15	On certain local and nonlocal (p, q) systems in \mathbb{R}^N with critical and Hardy terms Patrizia Pucci
17:45	Long time behavior of the solutions for some diffusion processes on a metric graph Liviu Ignat
18:15	Break (15 minutes)
18:30	Double phase problems involving critical Sobolev nonlinearities Alessio Fiscella
19:00	On the Neumann fractional p-Laplacian Dimitri Mugnai
19:30	Boundary curves in the weak stability transition-region Zoltán Makó

Day 2

Time: Friday, September 10, 10:50-12:30 , EET (UTC+03:00) Room: https://meet.google.com/qfc-xuwn-jwq Session Chair: Emil Horobet	
10:00	On some particular tame Hall polynomials Csaba Szanto
10:30	Strongly CS-Rickart objects in abelian categories Simona-Maria Radu
11:00	Galois Connections in Subgroup Lattices Guillermo Zecua
11:30	A novel approach to Gröbner basis algorithms with implementations in GAP Roland-Botond Miklosi
12:00	The critical curvature degree of an algebraic variety Emil Horobet
12:30	Lunch break (1 hour)
Time: Friday, September 10, 13:30-15:00 , EET (UTC+03:00) Room: https://meet.google.com/qfc-xuwn-jwq Session Chair: Csaba Szanto	
13:30	Large semigames Miklós Pintér
14:00	Essential coalitions for non-balanced games Zsófia Dornai
14:30	Correlated equilibrium notions of interval valued bimatrix games Júlia Salamon
15:00	Break (15 minutes)
Time: Friday, September 10, 15:15-17:15 , EET (UTC+03:00) Room: https://meet.google.com/qfc-xuwn-jwq Session Chair: Miklós Pintér	
15:15	Necessary Optimality Conditions for Generalized Weak Optimal Solutions in Set-Valued Optimization Anca Grad
15:45	Classes of holomorphic functions whose derivatives have positive real part Eduard Stefan Grigoricu
16:15	Almost everywhere convergence of sequences of (C, α) means of m-adic Fourier series of integrable functions Ilona Simon