

**DETERMINISTIC AND STOCHASTIC PROCESSES**  
**Iași, 25-28 February, 2026**  
**Universitatea Apollonia, Sala Cavalerilor (Sala Senat)**

**Wednesday, February, 25**

**9:00-9:30 OPENING CEREMONY**

- 9:30-10:30 **Michael Röckner** *Nonlinear Markov processes in the sense of McKean*  
10:30-11:30 **Mimmo Iannelli** *Understanding and controlling pandemic diseases.  
The paradigmatic case of COVID 19*
- 11:30-12:00 COFFEE BREAK  
12:00-12:30 **Iulian Cîmpean** *Regularization of the superposition principle:  
Potential theory meets Fokker-Planck equations*  
12:30-13:00 **Valeriu Guțu** *How many contractions are needed to build an IFS with a  
given attractor?*
- 13:00-14:00 LUNCH**  
14:00-15:00 **Franco Flandoli** *SPDEs for turbulent transport*  
15:00-15:30 **Adina Ciomaga** *Nonlocal Hamilton–Jacobi Equations*  
15:30-16:00 COFFEE BREAK  
16:00-16:30 **Adrian Zălinescu** *Mild Solutions for Path-Dependent Parabolic PDEs  
via Time-Delayed BSDEs*  
16:30-17:00 **Ovidiu Cârjă** *A Petrov-type condition for semilinear evolutions*  
17:00-17:30 **Stefana Anița** *A Mean Field Game system and a related deterministic  
optimal control problem*  
17:30-18:00 **Sorin Istrail** *Constructing Universal Traversal Sequences:  
How to take a random walk deterministically*

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**Thursday, February, 26**

**APOLLONIA UNIVERSITY FESTIVITIES - ANNUAL CONGRESS**

- Location: PALAS Mall, Congress Hall  
17:00-19:00 Opening ceremony  
19:00 Cocktail offered by Apollonia University President  
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**Friday, February, 27**

- 9:00-10:00 **Petru Mironescu** *Topological invariants and approximability in low regularity  
Sobolev spaces to manifolds*  
10:00-11:00 **Francesco Russo** *Exponential twist of probability measures: drift correction in  
term of a generalized gradient*
- 11:00-11:30 COFFEE BREAK**  
11:30-12:00 **Andrei Perjan** *The convergence estimates of solutions to the hyperbolic relaxation of the non  
viscous Cahn-Hilliard equation*  
12:00-12:30 **Sebastian Anița** *Regional Control of Reaction-Diffusion Models in Mathematical Biology*  
12:30-13:00 **Cristian S. Calude** *N-Dimensional Located Kochen-Specker Theorem and  
Quantum Random Generation*
- 13:00-14:00 LUNCH**  
14:00-15:00 **Gabriel Turinici** *Physics Informed neural networks for stiff transient dynamics*  
15:00-15:30 **Ioana Ciotir** *Stochastic porous media equation with Robin boundary conditions and  
gravity-driven infiltration*
- 15:30-16:00 COFFEE BREAK**  
16:00-16:30 **Marius Beceanu** *Dispersive equations with time dependent stochastic potential*  
16:30-17:00 **Ionuț Munteanu** *Stabilization of fractional PDEs*  
17:00-17:30 **Andrea Sgarro** *Information measures: uncertainty, ignorance and contradiction*  
17:30-18:00 **Ionel Urdea Marcus** *Deterministic and stochastic processes in measurement practice*  
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