

Nonlinearity, Nonlocality and Ultrametricity

Dragovich 80

International Conference NONLINEARITY, NONLOCALITY and ULTRAMETRICITY

Belgrade, 26–30. 05. 2025.

OPENING PROGRAM

Ceremonial Hall of the Serbian Academy of Sciences and Arts

Knez Mihailova Street 35

MONDAY, 26. 05. 2025.			
09.00 – 10.00	60'	Registration	
10.00 – 10.30	30'	Formal Opening	
10.30 – 11.15	45'	Viatcheslav MUKHANOV	<i>Modern Cosmology: Facts, Misconceptions and Myths</i>
11.15 – 12.00	45'	Salvatore CAPOZZIELLO	<i>Avoiding Singularities in Lorentzian-Euclidean Black Holes: The Role of Atemporality</i>
12.00 – 14.00	120'	Cocktail	

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Serbian Academy of Sciences and Arts (SANU)

Knez Mihailova Street 35

Monday: SESSION – I (ACADEMY: LECTURE HALL 2 at 1st floor)

14:35 – 15:10	35'	Branislav SAZDOVIC	<i>From Casimir invariants to equations for all spins and helicities</i>
15:10 – 15:45	35'	Voja RADOVANOVIC	<i>BV quantization of braided field theories</i>
15:45 – 16:20	35'	Igor SALOM	<i>Jordanian $sl(2)$ chain</i>
16:20 – 16:50	30'	Coffee Break	
16:50 – 17:25	35'	Marko VOJINOVIC	<i>Operational verification of the existence of a spacetime manifold</i>
17:25 – 18:00	35'	Djordje MINIC*	<i>Quantum Gravity, Gravitized Quantum Theory and all that</i>

* – online talk

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Mathematical Institute of the Serbian Academy of Sciences and Arts (MISANU)

Knez Mihailova Street 36

Monday: SESSION – II (MATH. INST: LECTURE HALL 102 at 1st floor)			
14:35 – 15:10	35'	Mihailo CUBROVIC	<i>Ensemble averaging in LLM geometries</i>
15:10 – 15:45	35'	Predrag JOVANOVIC	<i>Possible influence of a fifth force on stellar orbits around the Galactic Center</i>
15:45 – 16:20	35'	Goran DJORDJEVIC	<i>Adelic dynamics and DBI Lagrangians</i>
16:20 – 16:50	30'	Coffee Break	
16:50 – 17:25	35'	Igor PRLINA	<i>Detecting High Frequency Nonlinear Quantum Phenomena Using Weak Measurements</i>
17:25 – 17:50	25'	Kostadin TRENCEVSKI*	<i>A model of universe as harmonic oscillator with periodic and avoided singularities of the mass and energy density</i>

* – online talk