

International Conference

**"Applications of Generalized Functions in
General Relativity, Stochastics and Mechanics"**

organized by
Novi Sad Branch of the Serbian Academy of Sciences and Arts
and
Department of Mathematics and Informatics, Faculty of Sciences, University of Novi Sad

Novi Sad, 27 October – 1 November, 2016.

PROGRAM of the Conference

Thursday, 27 October (Department of Mathematics and Informatics)

10.00-18.00 Discussions

Friday, 28 October (Serbian Academy of Sciences and Arts, Belgrade)

14.00-15.00 James Vickers *Generalised Functions and Singularities of Einstein's Equations*

Saturday, 29 October (Novi Sad Branch of SASA)

9.30-10.00	Oberguggenberger/Schwarz	<i>Dynamic Methods for Stochastic Parameter Identification</i>
10.00-10.30	Tijana Levajković	<i>Equations Involving Malliavin Calculus Operators: Applications and Numerical Approximation</i>
10.30-11.00	Dora Seleši	<i>A Generalized Stochastic Harmonic Oscillator</i>
11.00-11.30	Coffee break	
11.30-12.00	Nenad Teofanov	<i>A Relaxation of Carleman Condition and some Applications</i>
12.00-12.30	Filip Tomić	<i>A New Type of Local Regularity with Applications to the Wave Front Sets</i>
13.00-14.30	Lunch for all participants at Novi Sad Branch of SASA	

Monday, 31 October (Novi Sad Branch of SASA)

9.30-10.00	Nenad Antonić	<i>An anisotropic version of the Schwartz kernel theorem and applications</i>
10.00-10.30	Marin Mišur	<i>On L_p Compactness of Commutator of Multiplication and Fourier Multiplier Operator</i>
10.30-11.00	Ivana Vojnović	<i>H-distributions with Unbounded Multipliers</i>
11.00-11.30	Jelena Stojanov	<i>Finslerian Frameworks</i>

(Department of Mathematics and Informatics, Room 60)

12.15-13.00	Michael Kunzinger	<i>Singularity Theorems in General Relativity</i>
13.00-15.00	Lunch break	
15.00-15.30	Sanja Ružičić	<i>On the Uniqueness of Solution to Generalized Chaplygin Gas</i>
15.30-16.00	Miloš Japundžić	<i>Approximate Solutions of Time and Time-Space Fractional Wave Equations with Variable Coefficients</i>
16.30-17.00	Oparnica/ Zorica	<i>Microlocal Analysis of Fractional Wave Equations</i>

Tuesday, 1 November (Department of Mathematics and Informatics)

10.00-18.00 Discussions

Scientific and Organizing Committee
Academician Stevan Pilipović
Sanja Konjik
Dora Seleši