



Program of the
Conference
Pannonian Mathematical Modelling
Dedicated to the Memory of Professor Mirjana Stojanović

Faculty of Sciences,
Department of Mathematics and Informatics
Novi Sad, April 25-28, 2015

Saturday, April 25th		
8:00 – 10:00	Registration	
10:00 – 10:40	A1: <i>Opening of the Conference: Dean PMF Neda Mimica Dukić,</i> Vice director DM Danijela Rajter-Čirić Mirjana Terzić: <i>Work of Mirjana Stojanović</i> Đurđica Takači, Arpad Takači: <i>On operational solutions of the fractional differential equation (Last paper of Mirjana Stojanović)</i> Janos Karsai: <i>Overview of the Project</i>	
10:40-11.15	Coffee break, Refreshment	
	A1 Chairman: Arpad Takači	
11:15 – 11:50	Professor Mirjana Stojanović scientific paper <i>Integral transforms and generalized asymptotics</i> Academician Stevan Plilipović	
11:50 – 12:25	Virginia Kiryakova: <i>Hyper-Bessel operators and generalized fractional calculus</i>	
12:25 – 13:00	Academician Teodor Atanacković, Sanja Konjik, Stevan Pilipović, Dušan Zorica: <i>Applications of fractional derivatives of complex order in mechanics</i>	
13:00 – 13:35	Gergely Röst: <i>General framework for modeling waning immunity and immune system boosting</i>	
13:35 – 14:30	<i>Lunch break</i>	
	A1 Chairman: Janos Karsai	RC10 Chairman: Aleksandar Takači
14:30 – 14:50	Eberhard Malkowsky: <i>FK spaces compactness and visualizations</i>	Jordanka Paneva Konovska <i>Convergent Mittag-Leffler type series</i>
14:50 – 15:10	Zsolt Vizi: <i>Modelling epidemics on networks</i>	Nikola Tuneski: Sufficient conditions for strong starlikeness by the use of the first derivative of an analytic function





15:10 – 15:30	Atila Dénes: <i>On the risk of polio reemergence in Europe due to unvaccinated war refugees.</i>	Jelena Aleksić: <i>Generalized solutions to conservation laws in heterogeneous media</i>
15:30 – 15:50	Petar Marković, Petar Đapić, Barnaby Martin: Quantified Constraint Satisfaction Problem for semicomplete digraphs	Emilia Bazhlekova: <i>Completely monotone functions in the study of a class of fractional evolution equations</i>
15:50 – 16:10	Ivana Štajner-Papuga, Gabrijela Grujić: <i>Interval-valued estimations for fuzzy quantities based on Choquet and Sugeno integrals</i>	Miloš Japundžić, Danijela Rajter-Ćirić: <i>Cauchy problem with a spatial fractional derivative operator</i>
16:10-16.30	Coffee Break	
	A1 Chairman: Nikola Tuneski	RC10 Chairman: Danijela Rajter-Ćirić:
16:30 – 16:50	Aleksandar Takači, Ivana Štajner-Papuga, Darko Drakulić Miroslav Marić: <i>On the role of fuzzy integrals in extended Maximal Covering Location Problems</i>	Ivan Bazhlekoy, Daniela Vasileva: <i>Numerical modelling of drop coalescence in the presence of soluble surfactants</i>
16.50-17.10	Biljana Jolevska Tuneska <i>On neutrix composition of distributions</i>	Z. Lozanov Crvenković, D. Radlović Čubrilo: <i>The effects of using multimedia educational software in teaching physics in the first grade of secondary school</i>
17.10-17.30	Cvetković Ilić Dragana: Applications of completions of operator matrices to reverse order law for $\{1\}$ -inverses of operators on Hilbert spaces	Doru Paunescu: <i>Geogebra in teaching geometry</i>
19.30	Dinner Restoran Chicken Tikka	





Sunday, April 26th	
	A1 Chairman: Eberhard Malkovski
10:00 – 10:30	Đurđica Takači: <i>Fractional Calculus and Geogebra</i>
10:30 – 11:00	Vesna Veličković: <i>Visualization of neighbourhoods in various topologie</i>
11:00-11:30	Mila Stojaković, Ljiljana Gajić: Decision making using set valued probability
11:30 – 12:00	Arpad Takači mathematical modelling
12:00-12:30	Coffee break and refreshment
12:30-14:30	Discussion about of Mirjana Stojanović as a teacher
18:00-20:00	Evgenia Sendova, Tony Chechlarova: <i>Introduction to workshop</i>

Monday, April 27th	
	A1 Chairman: Evgenia Sendova
9:00 – 10:30	Đurđica Takači: <i>Geogebra in teaching generaliyed function (klub nastavnikaDMI)</i>
10:30 – 11:00	Coffee break and refreshment
11:00-13:00	Branko Prentović “Computer and analytic geometry” (čitaonica PMF)
13:00 – 18:00	Lunch Break
18:00-20:00	Evgenia Sendova, Tony Chechlarova: <i>Visualization of teaching mathematics I (workshop) (RC10)</i>

Tuesday , April 28th	
	Klub nastavnika PMF Chairman: Vladimir Francisti
8:00 – 10:00	Evgenia Sendova, Tony Chechlarova: <i>Visualization of teaching mathematics II (workshop)</i>
10:00 – 11:00	Coffee break and refreshment
11:00 – 13:00	Miroslav Haviar, Jan Kuncaga: <i>Teaching mathematics with GeoGebra</i>
13:00-14:00	Lunch
14:00-17:00	Round table and Closing Conference

