

PLENARY SESSION (Hall A)

Chair: András Prékopa

- 09:00 – 10:00 *Numerical Solution of a Non-smooth Eigenvalue Problem*
Roland Glowinski
- 10:00 – 11:00 *Accurate Approximations of the Riemann-Stieltjes Integral via Theory of Inequalities*
Sever S. Dragomir
- 11:00 – 11:30 **Coffee break**

PARALLEL SESSION A (Hall A)

Chair: Slavko Simić

- 11:30 – 11:50 *Jensen's Inequality for Quasiconvex Functions*
S. S. Dragomir and C. E. M. Pearce
- 11:50 – 12:10 *On a Result by S. Simić*
B. Gavrea
- 12:10 – 12:30 *Uniform Treatment of Jensen's Type and Converse Jensen's Type Inequalities for Signed Measures*
J. Pečarić, I. Perić, and M. Rodić Lipanović
- 12:30 – 12:50 **Break**
- Chair: Horst Martini**
- 12:50 – 13:10 *Comparison of Extended Logarithmic Mean, Generalized Logarithmic Mean and Power Means*
M. Rodić Lipanović, K. Smoljak, and V. Šimić
- 13:10 – 13:30 *Complementariness with Respect to the Logarithmic Mean*
I. Costin and S. Toader
- 13:30 – 16:00 **Lunch break**

PARALLEL SESSION B (Hall B)

Chair: Elena P. Ushakova

- 11:30 – 11:50 *A New Duality Theorem for New Tent Spaces, Distances of Functions from Bloch Classes to some Spaces of Holomorphic Functions, and some Remarks on Diagonal Map*
R. Shamoyan
- 11:50 – 12:10 *On Special Differential Subordinations Using Sălăgean and Ruscheweyh Operators*
A. Alb Lupaş
- 12:10 – 12:30 *Coefficient Inequalities and Distortion Bounds Associated with a new Subclass of Analytic Functions*
A. Cătaş
- 12:30 – 12:50 **Break**
- Chair: Constantin Buşe**
- 12:50 – 13:10 *An Inequality for Continuous Linear Functionals*
M. Ivan
- 13:10 – 13:30 *Sharp Inequalities for Linear Functionals on Monotone Functions*
T. Rychlik

PARALLEL SESSION C (Hall C)

Chair: Peter S. Bullen

- 11:30 – 11:50 *Ratio of Stolarsky Means: Monotonicity and Comparison*
L. Losonczi
- 11:50 – 12:10 *New Means of Stolarsky Type*
J. Jakšetić
- 12:10 – 12:30 *Integral Mean Value Bounds for h -convex Functions*
M. Bombardelli and S. Varošanec
- 12:30 – 12:50 **Break**
- Chair: Ludmila Nikolova**
- 12:50 – 13:10 *Necessary Conditions for the Existence of Global Solutions to Certain Systems of Fractional Differential Equations*
M. Kirane
- 13:10 – 13:30 *Nonexistence of Positive Solutions to Nonlinear Elliptic Systems Involving Fractional Diffusion Operators*
Z. Dahmani, F. Karami, and S. Kerbal

PLENARY SESSION (Hall A)

Chair: Roland Glowinski

16:00 – 17:00 *Sharp Multidimensional Multiplicative Inequalities for Weighted Lebesgue Spaces with Homogeneous Weights*
Victor Burenkov

17:00 – 17:30 **Coffee break**

PARALLEL SESSION A (Hall A)

Chair: Vladimir Volenec

17:30 – 17:50 *On Closed Curves and Related Inequalities in Minkowski Geometry*
H. Martini

17:50 – 18:10 *Heptagonal Triangle as Extremal Triangle of Dixmier-Kahane-Nicolas Inequality*
Z. Kolar-Begović and R. Kolar-Šuper

18:10 – 18:30 *On Young for Bounding Lorenz and Gini*
P. Cerone

18:30 – 18:50 **Break**

Chair: Mihály Bessenyei

18:50 – 19:10 *Some Inequalities for Differentiable Convex Functions*
E. Set

19:10 – 19:30 *Universal Truncation Error Upper Bounds in Sampling Restoration*
A. Olenko and T. K. Pogány

19:30 – 19:50 *Some Bounds for Alternating Mathieu Type Series*
Ž. Tomovski and R. Hilfer

20:00 **Dinner Reception**

PARALLEL SESSION B (Hall B)

Chair: Živorad Tomovski

17:30 – 17:50 *Inequalities in Summability Theory of Fourier Series*
F. Weisz

17:50 – 18:10 *Some Boundedness Properties of the Maximal Operator of the Subsequence of Walsh-Kaczmarz Logarithmic Means*
K. Nagy

18:10 – 18:30 *Maximal Convergence Spaces of (C, α) Summability Methods of Trigonometric and Walsh Series*
G. Gát

18:30 – 18:50 **Break**

Chair: Károly Nagy

18:50 – 19:10 *Maximal Operators on Vilenkin Systems*
I. Blahota

19:10 – 19:30 *Norm Estimations for Convolutions Related to the Fourier Cosine and Kontorovich-Lebedev Transforms*
L. E. Britvina

19:30 – 19:50 *Inequalities Involving Multidimensional Gram Determinants*
A. S. Gasparyan

PARALLEL SESSION C (Hall C)

Chair: Gheorghe Toader

17:30 – 17:50 *Properties of the Intermediate Point from the Mean Value Theorem*
D. Duca

17:50 – 18:10 *Inequalities on Real Roots of Polynomials*
D. Stefanescu

18:10 – 18:30 *An Inequality for a Linear Discrete Operator Involving Convex Functions*
A. Holhoş

18:30 – 18:50 **Break**

Chair: Ivan Perić

18:50 – 19:10 *Classes of Functions that Satisfy the Generalized Schur Inequality*
M. Rădulescu, S. Rădulescu, and P. Alexandrescu

19:10 – 19:30 *A Property of a Linear Inclusion*
D. Popa

19:30 – 19:50 *Some Inequalities and Geometry in Banach Spaces*
Ji Gao