

THE 24TH DEBRECEN–KATOWICE WINTER SEMINAR
Hajdúszoboszló, Hungary, February 6 – 9, 2025

February 6, Thursday

16⁰⁰–18⁰⁰ Arrival to Hotel Aurum, Hajdúszoboszló

18⁰⁰–20⁰⁰ **Dinner**

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February 7, Friday

7³⁰–9⁰⁰ **Breakfast**

First Morning Session. Chairperson: László Székelyhidi

9⁰⁰–9¹⁰ Opening (by Zsolt Páles)

9¹⁰–9³⁰ GYÖRGY GÁT
Problems and recent results in the theory of summability of Walsh-Fourier series

9³⁵–9⁵⁵ MIHÁLY BESSENYEI
Approximation of fractals via Kantorovitch iteration

10⁰⁰–10³⁰ **Coffee Break**

Second Morning Session. Chairperson: Tomasz Szostok

10³⁰–10⁵⁰ RAYENE MENZER
An alternative equation for polynomial functions on hyperbolas

10⁵⁵–11¹⁵ ZOLTÁN BOROS
Non-zero additive solutions for some alternative equations

11²⁰–11⁴⁰ MEHAK IQBAL
A functional equation for monomial functions

12⁰⁰–13⁰⁰ **Lunch**

First Afternoon Session. Chairperson: György Gát

15⁰⁰–15²⁰ ANDRZEJ OLBRYS
On some version of separation theorem

15²⁵–15⁴⁵ LÁSZLÓ SZÉKELYHIDI
On the Powers of Maximal Ideals in Fourier Algebras

15⁵⁰–16²⁰ **Coffee Break**

Second Afternoon Session. Chairperson: Zoltán Boros

16²⁰–16⁴⁰ MACIEJ SABLICK
Portfolio selection based on a fuzzy measure

16⁴⁵–17⁰⁵ PATRYK RELA
The Orlicz risk measure under uncertainty

17¹⁰–17²⁵ Problems and Remarks

18⁰⁰–20⁰⁰ **Dinner**

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February 8, Saturday

7³⁰–9⁰⁰ **Breakfast**

First Morning Session. Chairperson: Andrzej Olbryś

9⁰⁰–9²⁰ ESZTER GSELMANN

A characterization of second-order differential operators

9²⁵–9⁴⁵ TIBOR KISS

On continuously differentiable solutions of a functional equation

9⁵⁰–10¹⁰ NORBERT TÓTH

Testing non-solvability of linear programs

10¹⁵–10⁴⁵ **Coffee Break**

Second Morning Session. Chairperson: Justyna Sikorska

10⁴⁵–11⁰⁵ MAGDALENA MAMCARZ

Inequalities for generalized convex functions with the use of the Hesselager theorem

11¹⁰–11³⁰ JUDIT MAKÓ

Approximate Jensen convexity

11³⁵–11⁵⁵ ATTILA GILÁNYI

Bernstein–Doetsch theorem for (M, N)-convex functions

12⁰⁰–13⁰⁰ **Lunch**

First Afternoon Session. Chairperson: Maciej Sablik

15⁰⁰–15²⁰ GERGŐ NAGY

On the σ -balancing property of generalized quasi-arithmetic means of n variables

15²⁵–15⁴⁵ RICHÁRD GRÜNWALD

Comparison of Gini means with fixed number of variables

15⁵⁰–16¹⁰ ZSOLT PÁLES

On the equality of generalized Bajraktarević means under first-order differentiability assumptions

16¹⁵–16⁴⁵ **Coffee Break**

Second Afternoon Session. Chairperson: Zsolt Páles

16⁴⁵–17⁰⁵ PÉTER TÓTH

Generalized inverses of strictly monotone transformations of the plane

17¹⁰–17³⁰ TOMASZ SZOSTOK

Inequalities involving the Choquet integral

17³⁵–17⁵⁰ Problems and Remarks

17⁵⁰–18⁰⁰ Closing (by Maciej Sablik)

19⁰⁰– **Festive Dinner**

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February 9, Sunday

7³⁰–9⁰⁰ **Breakfast**

12⁰⁰–13⁰⁰ **Lunch**