

## Program

### 2 February, Thursday

8<sup>00</sup>–8<sup>50</sup> **Breakfast**

**First Morning Session**, Chairperson: Zsolt Páles

8<sup>50</sup>–9<sup>00</sup> Opening

9<sup>00</sup>–9<sup>20</sup> JACEK CHUDZIAK

*Solutions of a composite type functional equation on a cone*

9<sup>25</sup>–9<sup>45</sup> ESZTER GSELMANN

*On Iverson's law of similarity*

9<sup>50</sup>–10<sup>10</sup> SEBASTIAN WÓJCIK

*Zero utility principle under uncertainty*

10<sup>15</sup>–10<sup>45</sup> **Coffee break**

**Second Morning Session**, Chairperson: Thomas Zürcher

10<sup>45</sup>–11<sup>05</sup> ZSOLT PÁLES

*On the Jensen convexity of quasideviation and Bajraktarević means*

11<sup>10</sup>–11<sup>30</sup> RICHÁRD GRÜN WALD

*Local and global inequalities for nonsymmetric generalized Bajraktarević means*

11<sup>35</sup>–11<sup>55</sup> GYÖRGY GÁT

*Means of subsequences of partial sums of trigonometric Fourier-series*

12<sup>00</sup>–13<sup>00</sup> **Lunch**

**First Afternoon Session**, Chairperson: Zoltán Boros

15<sup>00</sup>–15<sup>20</sup> TIBOR KISS

*A functional equation with arithmetic mean*

15<sup>25</sup>–15<sup>45</sup> RAYENE MENZER

*An alternative equation for generalized monomials involving measure*

15<sup>50</sup>–16<sup>10</sup> MATEUSZ PIESZCZEK

*Sincov's Equation for Fuzzy Implications with Fuzzy Connectives*

16<sup>15</sup>–16<sup>45</sup> **Coffee break**

**Second Afternoon Session**, Chairperson: Radosław Łukasik

16<sup>45</sup>–17<sup>05</sup> TOMASZ SZOSTOK

*The interplay between linear functional equations and inequalities*

17<sup>10</sup>–17<sup>30</sup> ATTILA GILÁNYI

*Computer aided investigation of alienness of linear functional equations*

19<sup>00</sup>– **Festive Dinner**

22<sup>nd</sup> DEBRECEN–KATOWICE WINTER SEMINAR  
ON FUNCTIONAL EQUATIONS AND INEQUALITIES  
**Hotel Aurum, Hajdúszoboszló, Hungary, Hungary, February 1 – 4, 2023**

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**3 February, Friday**

8<sup>00</sup>–9<sup>00</sup> **Breakfast**

**First Morning Session**, Chairperson: Oleksandr Maslyuchenko

9<sup>00</sup>–9<sup>20</sup> PÉTER TÓTH

*Strong geometric derivatives*

9<sup>25</sup>–9<sup>45</sup> ZOLTÁN BOROS

*Applications of strong geometric derivatives*

9<sup>50</sup>–10<sup>10</sup> ANDRZEJ OLBRYŚ

*On a joint generalization of  $P$ -functions and quasi-convex functions*

10<sup>15</sup>–10<sup>45</sup> **Coffee break**

**Second Morning Session**, Chairperson: Attila Gilányi

10<sup>45</sup>–11<sup>05</sup> GÁBOR MARCELL MOLNÁR

*On polyhedral maps and some of their applications*

11<sup>10</sup>–11<sup>30</sup> ALI HASAN ALI

*Generalizations of the Taylor Theorem with Factorization Results*

11<sup>35</sup>–11<sup>55</sup> NORBERT TÓTH

*An optimality condition for linear programs*

12<sup>00</sup>–13<sup>00</sup> **Lunch**

**First Afternoon Session**, Chairperson: Andrzej Olbryś

15<sup>00</sup>–15<sup>20</sup> OLEKSANDR MASLYUCHENKO

*Compact subspaces of the space of separately continuous functions with the cross-uniform topology and the sharp cellularity*

15<sup>25</sup>–15<sup>45</sup> THOMAS ZÜRCHER

*Some information about my favourite Banach function space*

15<sup>50</sup>–16<sup>10</sup> LÁSZLÓ SZÉKELYHIDI

*On a generalization of the Heisenberg group*

16<sup>15</sup>–16<sup>30</sup> Problems & Remarks

18<sup>00</sup>–20<sup>00</sup> **Dinner**

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**4 February, Saturday**

8<sup>00</sup>–9<sup>00</sup> **Breakfast**

**First Morning Session**, Chairperson: Eszter Gselmann

9<sup>00</sup>–9<sup>20</sup> MACIEJ SABLIK

*Local polynomials*

9<sup>25</sup>–9<sup>45</sup> RADOSŁAW ŁUKASIK

*On some functional equation in a single variable*

9<sup>50</sup>–10<sup>10</sup> EVELIN PÉNZES

*Dimension of generalized fractals in semimetric spaces*

10<sup>15</sup>–10<sup>45</sup> **Coffee break**

**Second Morning Session**, Chairperson: Maciej Sablik

10<sup>45</sup>–11<sup>05</sup> MEHAK IQBAL

*Monomial functions, normal polynomials and polynomial equations*

11<sup>10</sup>–11<sup>30</sup> MIHÁLY BESSENYEI

*Fixed point aspects of the Presić equation*

11<sup>35</sup>–11<sup>50</sup> Problems & Remarks

11<sup>50</sup>–12<sup>00</sup> Closing

12<sup>00</sup>–13<sup>00</sup> **Lunch**