



P R O G R A M M E

MONDAY, SEPTEMBER 8

9⁰⁰ **OPENING ADDRESS** JANUSZ BRZDĘK, Chairman of the 12th ICFEI

SESSION 1. **CHAIR:** BOGDAN CHOCZEWSKI

- 9¹⁵ – 10¹⁵ ROMAN GER *On functional equations related to functional analysis – selected topics*
- 10³⁰ – 10⁵⁰ THEMISTOCLES M. RASSIAS *On some major trends in mathematics*
- 10⁵⁵ – 11³⁰ Coffee break

SESSION 2. **CHAIR:** ROMAN GER

- 11³⁰ – 11⁵⁰ HANS-HEINRICH KAIRIES *On Artin type characterizations of the Gamma function*
- 11⁵⁵ – 12¹⁵ BORIS PANEAH *On the solvability of the identifying problem for general functional operators with linear arguments*
- 12²⁰ – 12⁴⁰ TAKESHI MIURA *A note on stability of Volterra type integral equation*

SESSION 3. **CHAIR:** THEMISTOCLES M. RASSIAS

- 15⁴⁵ – 16⁰⁵ VIOREL RADU *The fixed point method to generalized stability of functional equations in abstract normed and random normed spaces*
- 16¹⁰ – 16³⁰ LIVIU CĂDARIU *Fixed points method for the generalized stability of functional equations in a single variable*
- 16³⁵ – 16⁵⁵ JANUSZ BRZDĘK *Fixed point results and stability of functional equations in single variable*
- 17⁰⁰ – 17³⁰ Coffee break

SESSION 4. **CHAIR:** JÓZEF TABOR

- 17³⁰ – 17⁵⁰ JUSTYNA SIKORSKA *On a conditional exponential functional equation and its stability*
- 17⁵⁵ – 18¹⁵ ADAM NAJDECKI *On stability of some functional equation*
- 18²⁰ – 18⁴⁵ PROBLEMS AND REMARKS



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TUESDAY, SEPTEMBER 9

SESSION 5. CHAIR: HANS-HEINRICH KAIRIES

- 9¹⁵ – 10¹⁵ KAROL BARON *Random-valued functions and iterative equations*
- 10³⁰ – 10⁵⁰ JANUSZ MORAWIEC *On the set of probability distribution solutions of a linear equation of infinite order*
- 10⁵⁵ – 11³⁰ Coffee break

SESSION 6. CHAIR: KAROL BARON

- 11³⁰ – 11⁵⁰ JOACHIM DOMSTA *An example of a group of commuting boosts*
- 11⁵⁵ – 12¹⁵ WITOLD JARCZYK *Iterability in a class of mean-type mappings*
- 12²⁰ – 12⁴⁰ PAWEŁ SOLARZ *Some iterative roots for homeomorphisms with periodic points*

SESSION 7. CHAIR: ADOLF SCHLEIERMACHER

- 15⁴⁵ – 16⁰⁵ TOMASZ SZOSTOK *On an equation connected to Lobatto quadrature rule*
- 16¹⁰ – 16³⁰ SZYMON WĄSOWICZ *On some inequalities between quadrature operators*
- 16³⁵ – 16⁵⁵ ARKADIUSZ LISAK *Some remarks on solutions of functional equations stemming from trapezoidal rule*
- 17⁰⁰ – 17³⁰ Coffee break

SESSION 8. CHAIR: STEFAN CZERWIK

- 17³⁰ – 17⁵⁰ ZYGFRYD KOMINEK *Stability of a quadratic functional equation on semigroups*
- 17⁵⁵ – 18¹⁵ MARCIN ADAM *On the double quadratic difference property*
- 18²⁰ – 18⁴⁵ PROBLEMS AND REMARKS

19⁰⁰ PICNIC

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WEDNESDAY, SEPTEMBER 10

SESSION 9. CHAIR: ZYGFRYD KOMINEK

$9^{15} - 9^{35}$	ZOLTÁN DARÓCZY	<i>Nonconvexity and its application</i>
$9^{40} - 10^{00}$	JÓZEF TABOR	<i>Generalized approximate midconvexity</i>
$10^{05} - 10^{25}$	JACEK TABOR	<i>Extensions of conditionally convex functions</i>
$10^{30} - 10^{50}$	Coffee break	

SESSION 10. CHAIR: WITOLD JARCZYK

$10^{50} - 11^{10}$	ANDRZEJ OLBRYŚ	<i>On some functional inequality connected with t-Wright convexity and Jensen-convexity</i>
$11^{15} - 11^{35}$	JACEK MROWIEC	<i>On nonsymmetric t-convex functions</i>
$11^{40} - 12^{00}$	JUDITA DASCÁL	<i>On a functional equation with a symmetric component</i>

13^{15} EXCURSION TO POZNAŃ

20^{30} CONCERT



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THURSDAY, SEPTEMBER 11

SESSION 11. CHAIR: ZOLTÁN DARÓCZY

- $9^{15} - 10^{15}$ ZSOLT PÁLES *Comparison theorems in various classes of generalized quasi-arithmetic means*
- $10^{30} - 10^{50}$ MIROSLAW ADAMEK *On two variable functional inequality and related functional equation*
- $10^{55} - 11^{30}$ Coffee break

SESSION 12. CHAIR: ZSOLT PÁLES

- $11^{30} - 11^{50}$ MACIEJ SABLİK *Generalized homogeneity of some means*
- $11^{55} - 12^{15}$ DOROTA GŁAZOWSKA *An invariance of the geometric mean in the class of Cauchy means*
- $12^{20} - 12^{40}$ JUSTYNA JARCZYK *On an equation involving weighted quasi-arithmetic means*

SESSION 13. CHAIR: JUSTYNA SIKORSKA

- $15^{45} - 16^{05}$ JACEK CHUDZIAK *On some property of the Gołab-Schinzel equation*
- $16^{10} - 16^{30}$ ANNA MUREŃKO *A generalization of the Gołab-Schinzel functional equation*
- $16^{35} - 16^{55}$ ELIZA JABŁOŃSKA *On Christensen measurability and a generalized Gołab-Schinzel equation*
- $17^{00} - 17^{30}$ Coffee break

SESSION 14. CHAIR: KONRAD J. HEUVERS

- $17^{30} - 17^{50}$ EWA RAK *Distributivity between uninorms and nullnorms*
- $17^{55} - 18^{15}$ FRUZSINA MÉSZÁROS *Functional equations stemming from probability theory*
- $18^{20} - 18^{30}$ PROBLEMS AND REMARKS

19⁰⁰ BANQUET



P R O G R A M M E

FRIDAY, SEPTEMBER 12

SESSION 15. CHAIR: VIOREL RADU

- 9¹⁵ – 9⁴⁵ NICOLE BRILLOUËT-BELLUOT *Some aspects of functional equations in physics presented by JOACHIM DOMSTA*
- 9⁵⁵ – 10¹⁵ ALEKSEJ TURNŠEK *Mappings approximately preserving orthogonality*
- 10²⁰ – 10⁴⁰ WIRGINIA WYROBEK *Measurable orthogonally additive functions modulo a discrete subgroup*
- 10⁴⁵ – 11¹⁵ Coffee break

SESSION 16. CHAIR: JOACHIM DOMSTA

- 11¹⁵ – 11³⁵ EKATERINA SHULMAN *Some extensions of the Levi-Civita equation*
- 11⁴⁰ – 12⁰⁰ KONRAD J. HEUVERS *Some partial Cauchy difference equations for dimension two*
- 12⁰⁵ – 12²⁵ STEFAN CZERWIK *Effective formulas for the Stirling numbers*

SESSION 17. CHAIR: JACEK TABOR

- 15⁴⁵ – 16⁰⁵ WŁODZIMIERZ FECHNER *On some functional-differential inequalities related to the exponential mapping*
- 16¹⁰ – 16³⁰ MAGDALENA PISZCZEK *On a multivalued second order differential problem with Jensen multifunctions*
- 16³⁵ – 16⁵⁵ BARBARA SOBEK *Pexider equation on a restricted domain*
- 17⁰⁰ – 17³⁰ Coffee break

SESSION 18. CHAIR: EKATERINA SHULMAN

- 17³⁰ – 17⁵⁰ KRZYSZTOF KRÓL *Application the least squares method and the decomposition method to solving functional equations*
- 17⁵⁵ – 18¹⁵ ANNA BAHYRYCZ *A system of functional equations related to plurality functions*
- 18²⁰ – 18⁴⁵ PROBLEMS AND REMARKS

20³⁰ CONCERT



P R O G R A M M E

SATURDAY, SEPTEMBER 13

SESSION 19. **CHAIR:** JANUSZ MORAWIEC

- $9^{15} - 9^{35}$ JIAN WANG *The relation between isometric and affine operators on F^* -spaces*
- $9^{40} - 10^{00}$ VLADIMIR PROTASOV *Self-similarity equations in L_p spaces*
- $10^{05} - 10^{30}$ PROBLEMS AND REMARKS
- $10^{30} - 11^{00}$ Coffee break

SESSION 20. **CHAIR:** MACIEJ SABLIK

- $11^{00} - 11^{20}$ MAREK CZERNI *Representation theorems for solutions of a system of linear inequalities*
- $11^{25} - 11^{45}$ BOGDAN CHOCZEWSKI *Special solutions of an iterative functional inequality of second order*
- 11^{50} **CLOSING OF THE ICFEI**

WORKSHOP