

P R O G R A M M E

MONDAY, SEPTEMBER 18

9⁰⁰ – 9¹⁵ **OPENING ADDRESS** PROF. DR. EUGENIUSZ WACHNICKI, the Vice-Rector of the Pedagogical University of Cracow

SESSION 1. CHAIR: JÁNOS ACZÉL

9¹⁵ – 9⁴⁰	WALTER BENZ	<i>A conditional functional inequality</i>
9⁴⁰ – 10⁰⁵	THOMAS M.K. DAVISON	<i>On the functional equation $g(xy) + g(x\tau(y)) = 2g(x)g(y)$</i>
10⁰⁵ – 10³⁰	LÁSZLO LOSONCZI	<i>Polynomials with all zeros on the unit circle</i>
10³⁰ – 10⁵⁵	JANUSZ MATKOWSKI	<i>On extension of solutions of simultaneous systems of functional equations</i>

Coffee break

SESSION 2. CHAIR: WALTER BENZ

11¹⁵ – 11⁴⁰	NICOLE BRILLOUET-BELLUOT	<i>On applications of functional equations in physics</i>
11⁴⁰ – 12⁰⁵	TOMASZ SZOSTOK	<i>On some conditional Cauchy equation</i>
12⁰⁵ – 12³⁰	DIJANA ILIŠEVIĆ	<i>Quadratic functionals and sesquilinear forms</i>
12³⁰ – 12⁴⁵	PROBLEMS AND REMARKS	

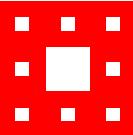
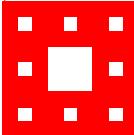
SESSION 3. CHAIR: PETER VOLKMANN

15¹⁵ – 15⁴⁰	HANS-HEINRICH KAIRIES	<i>On some problems concerning a sum type operator</i>
15⁴⁰ – 16⁰⁵	ADOLF SCHLEIERMACHER	<i>On real places</i>
16⁰⁵ – 16³⁰	KAROL BARON	<i>On linear iterative equations for distribution functions</i>

Coffee break

SESSION 4. CHAIR: HANS-HEINRICH KAIRIES

17⁰⁰ – 17²⁵	MACIEJ SABLICK	<i>A generalization of generalized bisymmetry</i>
17²⁵ – 17⁵⁰	IMRE KOCSIS	<i>A bisymmetry equation on restricted domain</i>
17⁵⁰ – 18¹⁵	JANUSZ BRZDĘK	<i>On stability of the linear functional equation</i>



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TUESDAY, SEPTEMBER 19

SESSION 5. **CHAIR:** NICOLE BRILLOUET-BELLUOT

9¹⁵ – 9⁴⁰	ROMAN GER	<i>On a functional congruence related to Gołqb-Schinzel equation</i>
9⁴⁰ – 10⁰⁵	ANNA MUREŃKO	<i>On solutions of some conditional generalizations of the Gołqb-Schinzel equation</i>
10⁰⁵ – 10³⁰	ELIZA JABŁOŃSKA	<i>Solutions of a generalized Gołqb-Schinzel functional equation</i>
10³⁰ – 10⁵⁵	JACEK CHUDZIAK	<i>Stability of the Gołqb-Schinzel functional equation</i>
Coffee break		

SESSION 6. **CHAIR:** ROMAN GER

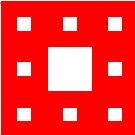
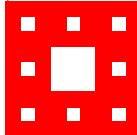
11¹⁵ – 11⁴⁰	JÓZEF TABOR	<i>Restricted stability of the Cauchy equation in metric semigroups</i>
11⁴⁰ – 12⁰⁵	ROMAN BADORA	<i>On the stability of the nonlinear functional equation</i>
12⁰⁵ – 12³⁰	JACEK TABOR	<i>Shadowing with multidimensional time in Banach spaces</i>
PROBLEMS AND REMARKS		

SESSION 7. **CHAIR:** JÓZEF TABOR

15¹⁵ – 15⁴⁰	BORIS PANEAH	<i>Strong stability of functional equations in several variables</i>
15⁴⁰ – 16⁰⁵	ZOLTÁN KAISER	<i>On stability of the Fréchet equation</i>
16⁰⁵ – 16³⁰	ADAM NAJDECKI	<i>On the stability of some generalization of Cauchy's, d'Alembert's and quadratic functional equations</i>
Coffee break		

SESSION 8. **CHAIR:** BORIS PANEAH

17⁰⁰ – 17²⁵	MAREK ŻOŁDAK	<i>Asymptotic stability of isometries in p-homogeneous F-spaces</i>
17²⁵ – 17⁵⁰	ALINA GŁESKA	<i>Oscillatory properties of solutions of nonhomogeneous difference equations</i>
17⁵⁰ – 18¹⁵	WIESŁAWA NOWAKOWSKA	<i>Sufficient conditions for the oscillation of solutions of iterative functional equations</i>



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WEDNESDAY, SEPTEMBER 20

SESSION 9. **CHAIR:** ADOLF SCHLEIERMACHER

9¹⁵ – 9⁴⁰ DANIÈLE FOURNIER-PRUNARET *Attractors bifurcations and basins in two-dimensional and three-dimensional biological models based on logistic maps*

9⁴⁰ – 10⁰⁵ VSEVOLOD SAKBAEV *On the spaces of functions integrable with respect to finite additive measure and the generalized convergence*

10⁰⁵ – 10³⁰ BRUNO BRIVE *Differential equations of infinite order*

10³⁰ – 10⁵⁵ MAGDALENA PISZCZEK *On a multivalued second order differential problem*

Coffee break

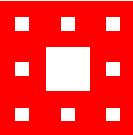
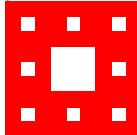
SESSION 10. **CHAIR:** LÁSZLO LOSONCZI

11¹⁵ – 11⁴⁰ FRUzsINA MÉSZÁROS *Functional equations on group*

11⁴⁰ – 12⁰⁵ ANDRZEJ MACH *On some functional equations involving with involution*

12⁰⁵ – 12³⁰ SZYMON WĄSOWICZ *On error bounds for Gauss–Legendre and Lobatto quadrature rules*

12³⁰ – 12⁴⁵ PROBLEMS AND REMARKS



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THURSDAY, SEPTEMBER 21

SESSION 11. **CHAIR:** JANUSZ MATKOWSKI

9¹⁵ – 9⁴⁰	ZSOLT PÁLES	<i>A regularity problem concerning the equality of generalized quasi-arithmetic means</i>
9⁴⁰ – 10⁰⁵	PÁL BURAI	<i>On the equivalence of equations involving means and the solution to a problem of Daróczy</i>
10⁰⁵ – 10³⁰	DOROTA GŁAZOWSKA	<i>An invariance of geometric mean with respect to Lagrangean means</i>
10³⁰ – 10⁵⁵	JUSTYNA JARCZYK	<i>Invariance in the class of quasi-arithmetic means with function weights</i>

Coffee break

SESSION 12. **CHAIR:** ATTILA GILÁNYI

11¹⁵ – 11⁴⁰	IWONA PAWLICKOWSKA	<i>Flett-type means II</i>
11⁴⁰ – 12⁰⁵	BARBARA KOCLEGA-KULPA	<i>On some equation connected with Hadamard inequalities</i>
12⁰⁵ – 12³⁰	ÁGOTA OROSZ	<i>Difference equations on discrete polynomial hypergroups</i>
12³⁰ – 12⁴⁵	PROBLEMS AND REMARKS	

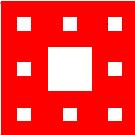
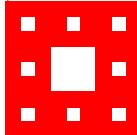
SESSION 13. **CHAIR:** WITOLD JARCZYK

15¹⁵ – 15⁴⁰	VEERAPAZHAM MURUGAN	<i>Smooth solutions for a functional equation involving series of iterates</i>
15⁴⁰ – 16⁰⁵	JOACHIM DOMSTA	<i>Regular iteration of homeomorphisms of intervals</i>
16⁰⁵ – 16³⁰	BARBARA PRZEBIERACZ	<i>Weak almost iterability</i>

Coffee break

SESSION 14. **CHAIR:** JOACHIM DOMSTA

17⁰⁰ – 17²⁵	XIAOPEI LI	<i>An iterative equation on the unit circle</i>
17²⁵ – 17⁵⁰	PAWEŁ SOLARZ	<i>Iterative roots for homeomorphisms with a rational rotation number</i>
17⁵⁰ – 18¹⁵	GRAŻYNA ŁYDZIŃSKA	<i>On some set-valued iteration semigroups</i>



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FRIDAY, SEPTEMBER 22

SESSION 15. **CHAIR:** KAROL BARON

9¹⁵ – 9⁴⁰	JANUSZ WALORSKI	<i>On some solutions of the Schröder equation in Banach spaces</i>
9⁴⁰ – 10⁰⁵	JANUSZ MORAWIEC	<i>On a refinement type equation</i>
10⁰⁵ – 10³⁰	DARIUSZ SOKOŁOWSKI	<i>Solutions with exponential character to a linear functional equation and roots of its characteristic equation</i>
10³⁰ – 10⁵⁵	PETER VOLKMANN	<i>Characterization of the absolute value of complex linear functionals by functional equations</i>
Coffee break		

SESSION 16. **CHAIR:** THOMAS M.K. DAVISON

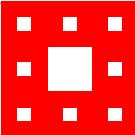
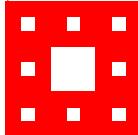
11¹⁵ – 11⁴⁰	LYUDMILA S. EFREMOVA	<i>On homoclinic points of C^1-smooth skew products of interval maps</i>
11⁴⁰ – 12⁰⁵	ELENA V. BLINOVA	<i>On Ω-explosions in smooth skew products of interval maps</i>
12⁰⁵ – 12³⁰	ELENA MAKHROVA	<i>Dendrites with the periodic points property</i>
PROBLEMS AND REMARKS		

SESSION 17. **CHAIR:** MACIEJ SABLICK

15¹⁵ – 15⁴⁰	WITOLD JARCZYK	<i>Almost convex functions on Abelian groups</i>
15⁴⁰ – 16⁰⁵	ATTILA GILÁNYI	<i>Bernstein–Doetsch and Sierpiński theorems for (M, N)-convex functions</i>
16⁰⁵ – 16³⁰	JACEK MROWIEC	<i>Generalized convex functions in linear spaces</i>
Coffee break		

SESSION 18. **CHAIR:** ZSOLT PÁLES

17⁰⁰ – 17²⁵	MIROSŁAW ADAMEK	<i>On generalized affine functions</i>
17²⁵ – 17⁵⁰	ANDRZEJ OLBRYS	<i>A characterization of (t_1, \dots, t_n)-Wright affine functions</i>
17⁵⁰ – 18¹⁵	ARKADIUSZ LISAK	<i>A characterization of some operators by functional equations</i>



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SATURDAY, SEPTEMBER 23

SESSION 19. **CHAIR:** ROMAN BADORA

9¹⁵ – 9⁴⁰	ANNA BAHYRYCZ	<i>Forti's example of an unstable homomorphism equation</i>
9⁴⁰ – 10⁰⁵	BOGDAN BATKO	<i>Superstability of some alternative Cauchy functional equations</i>
10⁰⁵ – 10³⁰	STANISŁAW SIUDUT	<i>Stability of the Cauchy equation for convolutions</i>

Coffee break

SESSION 20. **CHAIR:** BOGDAN CHOCZEWSKI

11⁰⁰ – 11²⁵	JACEK CHMIELIŃSKI	<i>Orthogonality preserving property, Wigner equation and stability</i>
11²⁵ – 11⁵⁰	DOROTA KRASSOWSKA	<i>On a nonlinear simultaneous system of functional inequalities</i>
11⁵⁰ – 12¹⁵	MAREK CZERNI	<i>Comparison theorems for nonlinear functional inequalities</i>
12¹⁵	CLOSING	