

PROGRAMME

Monday, September 8

9:00 - 9:15 **OPENING ADDRESS:** PROF. DR. MICHAŁ ŚLIWA, the Rector of the Pedagogical University of Cracow

CHAIR: LÁSZLÓ LOSONCZI

9:15 - 9:40 ZOLTÁN DARÓCZY *On translatable and quasi-commutative operations*

9:40 - 10:05 HANS-HEINRICH KAIRIES *Spectral properties of a sum type operator with valuation*

10:05 - 10:30 ROMAN GER *Logarithmic concavity and the Prékopa-Leindler inequality*

10:30 - 11:30 COFFEE BREAK

CHAIR: HANS-HEINRICH KAIRIES

11:30 - 11:55 KAROL BARON *Dense sets of additive functions*

11:55 - 12:20 MACIEJ SABLIK *Applications of a method for characterizing polynomials*

12:20 - 12:45 IWONA PAWLIKOWSKA *A method used in solving functional equations stemming from MVTs*

CHAIR: ROMAN GER

15:15 - 15:40 ZOLTÁN KAISER *Stability of the monomial functional equation normed spaces over fields with valuation*

15:40 - 16:05 JACEK MROWIEC *A counterexample to the stability property for δ -Jensen-convex functions defined on a convex set $D \subset \mathbb{R}^n$*

16:05 - 16:30 JACEK CHMIELIŃSKI *Stability of angle-preserving mappings on the plane*

16:30 - 17:00 COFFEE BREAK

CHAIR: EUGENIUSZ WACHNICKI

17:00 - 17:25 JOLANTA OLKO *Metric on the space of multimeasures*

17:25 - 17:50 MIHÁLY BESSENYEI *On generalized Hermite-Hadamard inequality*

17:50 - 18:15 ADAM NAJDECKI *On a certain characterization of continuous functions*

PROGRAMME

Tuesday, September 9

CHAIR: NICOLE BRILLOUËT-BELLUOT

9:15 - 9:40	GABRIELLA HAJDU	<i>An extension theorem for a Matkowski-Sutô type problem for weighted quasi-arithmetic means</i>
9:40 - 10:05	PÉTER CZINDER	<i>Comparison inequalities for Gini and Stolarsky means</i>
10:05 - 10:30	EUGENIUSZ WACHNICKI	<i>Sur la monotonie des suites en moyenne</i>
10:30 - 10:50	PROBLEMS AND REMARKS	
10:50 - 11:30	COFFEE BREAK	

CHAIR: ZOLTÁN DARÓCZY

11:30 - 11:55	PIROSKA LAKATOS	<i>Zeros of Coxeter and reciprocal polynomials</i>
11:55 - 12:20	LÁSZLÓ LOSONCZI	<i>Inequalities for the coefficients of some reciprocal polynomials</i>
12:20 - 12:45	ROLAND GIRGENSOHN	<i>A recursive sequence</i>

CHAIR: KAROL BARON

15:15 - 15:40	DOROTA KRASSOWSKA	<i>A measurable solutions of a pair of linear functional inequalities of iterative type</i>
15:40 - 16:05	JANUSZ MORAWIEC	<i>On a property of continuous solutions of the dilation equation</i>
16:05 - 16:30	MAREK ŻOŁDAK	<i>Nonhomogeneous iterative equation</i>
16:30 - 17:00	COFFEE BREAK	

CHAIR: WITOLD JARCZYK

17:00 - 17:25	MAREK CEZARY ZDUN	<i>On a limit formula for regular iteration groups in Banach space</i>
17:25 - 17:50	KRZYSZTOF CIEPLIŃSKI	<i>On rational iteration groups on the circle</i>
17:50 - 18:15	PAWEŁ SOLARZ	<i>On some iterative roots with a rational rotation number</i>

P R O G R A M M E

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P R O G R A M M E

Wednesday, September 10

CHAIR: ATTILA GILÁNYI

9:15 - 9:40	FULVIA SKOF	<i>About a functional equation related to d'Alembert and other classical equations</i>
9:40 - 10:05	MARGHERITA FOCHI	<i>On a conditional-alternative functional equation</i>
10:05 - 10:30	GRAŻYNA ŁYDZIŃSKA	<i>On iteration semigroups of set-valued functions</i>
10:30 - 10:50	PROBLEMS AND REMARKS	
10:50 - 11:30	COFFEE BREAK	

CHAIR: MARGHERITA FOCHI

11:30 - 11:55	WITOLD JARCZYK	<i>Improving regularity of some functions by Grosse-Erdmann's theorems</i>
11:55 - 12:20	GRZEGORZ GUZIK	<i>Cocycles and continuous iteration semigroups of triangular mappings</i>
12:20 - 12:45	LECH BARTŁOMIEJCZYK	<i>Derivations with big graph</i>

P R O G R A M M E

Thursday, September 11

CHAIR: KÁROLY LAJKÓ

9:15 - 9:40	ZSOLT PÁLES	<i>On higher-order convexity and Wright-convexity</i>
9:40 - 10:05	KAZIMIERZ NIKODEM	<i>Convexity triplets and t-convex functions</i>
10:05 - 10:30	ATTILA HÁZY	<i>On approximately t-convexity</i>
10:30 - 10:50	PROBLEMS AND REMARKS	
10:50 - 11:30	COFFEE BREAK	

CHAIR: ZSOLT PÁLES

11:30 - 11:55	ATTILA GILÁNYI	<i>On a functional equation arising from the comparison of utility representations</i>
11:55 - 12:20	BORBÁLA FAZEKAS	<i>Decision functions and their properties</i>
12:20 - 12:45	MIROSŁAW ADAMEK	<i>A characterization of λ-convex functions</i>

CHAIR: KAZIMIERZ NIKODEM

15:15 - 15:40	THEMISTOCLES M. RASSIAS	<i>On new properties of isometric mappings</i>
15:40 - 16:05	JOACHIM DOMSTA	<i>On a linear equation in two variables</i>
16:05 - 16:30	SZYMON WĄSOWICZ	<i>Separation by functions belonging to Haar spaces</i>
16:30 - 17:00	COFFEE BREAK	

P R O G R A M M E

Friday, September 12

CHAIR: THEMISTOCLES M. RASSIAS

9:15 - 9:40	WILHELMINA SMAJDOR	<i>Local analytic solutions of some functional equations</i>
9:40 - 10:05	SHIN-ICHI NAKAGIRI	<i>Fuctional equations arising from the Cauchy-Riemann equations</i>
10:05 - 10:30	ZYGFRYD KOMINEK	<i>On a problem of Rădulescu</i>
10:30 - 10:50	PROBLEMS AND REMARKS	
10:50 - 11:30	COFFEE BREAK	

CHAIR: PETER VOLKMANN

11:30 - 11:55	BOGDAN CHOCZEWSKI	<i>k-difference equations and image processing</i>
11:55 - 12:20	JANUSZ WALORSKI	<i>On homeomorphic solutions of the Schröder equation in Banach spaces</i>
12:20 - 12:45	ZBIGNIEW LEŚNIAK	<i>On boundary and limit orbits of a flow on the plane</i>

CHAIR: WOLFGANG FÖRG-ROB

15:15 - 15:40	ANNA BAHYRYCZ	<i>On the conditional equation of the exponential function</i>
15:40 - 16:05	JANUSZ BRZDEK	<i>On measurable solutions of some functional equations connected with multiplicative symmetry</i>
16:05 - 16:30	ANNA MUREŃKO	<i>On some conditional generalizations of the Gołqb-Schinzel equation</i>
16:30 – 17:00	COFFEE BREAK	

P R O G R A M M E

Saturday, September 13

CHAIR: FULVIA SKOF

9:15 - 9:40 PETER VOLKMANN *A characterization of quasimonotonicity*

9:40 - 10:05 KÁROLY LAJKÓ *A special case of the generalized Hosszú equation on interval*

10:05 - 10:30 DOBIESŁAW BRYDAK *On nonlinear iterative functional inequalities*

10:30 - 10:45 **CLOSING ADDRESS:** PROF. DR. DOBIESŁAW BRYDAK

10:45 - 11:30 COFFEE BREAK