POLAND, BĘDLEWO 2015

16th ICFEI

List of Talks

1. **Marcin Adam**, *Drygas functional equation in the class of differentiable functions*
2. **Nutefe Kwami Agbeko**, *The validity of Carathéodory's Theorem for some lattice-valued homomorphisms*
3. **Pekka Alestalo**, *On the sharpness of the Hyers-Ulam theorem for bounded sets in finite dimensions*
4. **Giedrius Alkauskas**, *The projective translation equation*
5. **Jose María Almira**, *On the closure of translation-dilation invariant linear spaces of polynomials*
6. **Michał Baczyński**, *On the Jensen equation extended to the infinities (Part 2)*
7. **Roman Badora**, *Approximately multiplicative functions in function algebras*
8. **Anna Bahyrycz**, *Criteria for hyperstability of general linear functional equation*
9. **Karol Baron**, *On the continuous dependence of solutions to orthogonal additivity problem on given functions*
10. **Janusz Brzdęk**, *Ulam's stability of some delayed fractional differential equations*
11. **Liviu Cădariu**, *Fixed points and generalized Ulam-Hyers stability of a functional equation*
12. **Jacek Chudziak**, *On functional equation stemming from utility theory and psychophysics*
13. **Marek Czerni**, *Asymptotic properties ensuring the existence of a one-parameter family of continuous solutions of a linear functional inequality of second order*
14. **Joachim Domsta**, *On conjugacy by regularly varying functions*
15. **EL-Sayed El-Hady**, *On a functional equation arising from a switch*
16. **Roman Ger**, *Mazur's type problem for convexity of higher orders*
17. **Attila Gilányi**, *On higher-order convex functions with a modulus*
18. **Dorota Głazowska**, *Subcommuting real homographic functions*
19. **Xiaobing Gong**, *Convex solutions of the polynomial-like iterative equation in Banach spaces*
20. **Grzegorz Guzik**, *On a simple criterion of convergence of Markov process induced by random iterations*
21. **Mohammad Hadi Hooshmand**, *A new approach to the solution of some functional equations on algebraic structures*
22. **Hideaki Izumi**, *General terms of algebraic recurrence relations*
23. **Eliza Jabłońska**, *Fixed points almost everywhere and Hyers–Ulam stability*
24. **Justyna Jarczyk**, *Around a problem of Zoltán Daróczy*
25. **Witold Jarczyk**, *On some properties of strictly convex functions*
26. **Bartosz Kołodziejek**, *Fundamental equation of information on matrices*
27. **Vichian Laohakosol**, *Solutions of some particular pexiderized digital filtering functional equations*
28. **Zbigniew Leśniak**, *On the topological equivalence of flows of Brouwer homeomorphisms*
29. **Gyula Maksa**, *On local mean values*
30. **Renata Malejki**, *On stability of a functional equation stemming from a characterization of inner product spaces*
31. **Tomasz Małolepszy**, *The application of the Schröder equation in the theory of blow-up solutions for Volterra integral equations*

32. **Janusz Matkowski**, *Directional convexity and a characterization of the Beta function*
33. **Sukrawan Mavecha**, *Iterative roots of an increasing function with no fixed point*
34. **Janusz Morawiec**, *Integrable solutions of inhomogeneous refinement type equations on intervals*
35. **Mohammad Sal Moslehian**, *Chebyshev and Grüss type operator inequalities*
36. **Wanda Niemyska**, *On the Jensen equation extended to the infinities (Part 1)*
37. **Andrzej Olbryś**, *On separation theorem for delta-subadditive and delta-superadditive mappings*
38. **Jolanta Olko**, *On measurable microperiodic multifunctions*
39. **Mohsen Erfanian Omidvar**, *Numerical radius and operator norm inequalities of operators*
40. **Adam Ostaszewski**, *Homomorphisms from functional equations in probability*
41. **Zsolt Páles**, *Asymptotic stability of the Cauchy and the Jensen functional equations*
42. **Paweł Pasteczka**, *Limit properties in a family of quasi-arithmetic means*
43. **Zlatko Pavić**, *Improvements of the Hermite-Hadamard inequality for multivariate convex functions*
44. **Magdalena Piszczek**, *Stability results for a general linear inclusion*
45. **Dorian Popa**, *On the stability of linear operators with respect to gauges*
46. **Teresa Rajba**, *On H-Wright-convex functions*
47. **Ioan Raşa**, *Hyers-Ulam stability of generalized Laplace equations*
48. **Jens Schwaiger**, *Construction methods for the field of reals connected with functional equations and stability thereof*
49. **Yong-Guo Shi**, *Topological conjugacy of piecewise monotonic functions of nonmonotonicity height* ≥ 1
50. **Ekaterina Shulman**, *On approximate solutions of the Levi-Civita equation*
51. **Justyna Sikorska**, *Set-valued vs. single-valued approximately orthogonally additive mappings*
52. **Slavko Simić**, *Improvements of some moment inequalities*
53. **Wutiphol Sintunavarat**, *On new type of stability for radical quadratic functional equations approach by Brzdęk's fixed point theorem*
54. **Dorota Śliwińska**, *Symmetrization and convexity*
55. **Peter Stadler**, *Curve shortening by short rulers*
56. **Henrik Stetkær**, *On Wilson's functional equations*
57. **László Székelyhidi**, *Functional equations and stability problems on hypergroups*
58. **Tomasz Szostok**, *Error of quadrature rules and functional equations*
59. **Jacek Tabor**, *A gentle introduction to iterated reweighted least squares*
60. **Józef Tabor**, *Conditionally δ-midconvex functions*
61. **Pinthira Tangsupphathawat**, *Fifth order linear recurrence sequences and their positivity*
62. **Szymon Wąsowicz**, *Convex multifunctions and local affine selections*
63. **Fabian Wirth**, *Functional equations and stability of interconnected dynamical systems*
64. **Alfred Witkowski**, *Explicit solutions of the invariance equation for means*
65. **Paweł Wójcik**, *Orthogonality preserving property with two linear operators*
66. **Sebastian Wójcik**, *Scale invariance of the mean-value premium principle*
67. **Marek Cezary Zdun**, *Iterative convexity of diffeomorphisms*
68. **Pavol Zlatoš**, *Approximate extension of partial ε-characters with application to integral point lattices*
69. **Marek Żołdak**, *On some kind of approximately convex functions*