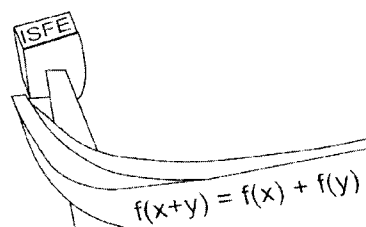


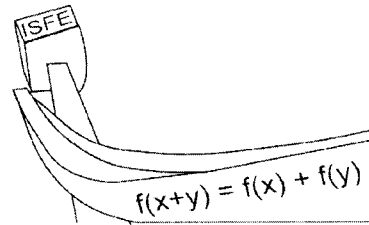
52nd International Symposium
on Functional Equations
Grillhof, Innsbruck, Austria



Programme: Monday 23.6.2014

- 7:30 – 8:30 *Breakfast*
- 8:45 – 9:00 *Opening*
- 1st morning session **Chair:** Walter BENZ
- 9:00 – 9:20 Zoltán DARÓCZY: On the generalized Jensen functional equation
- 9:25 – 9:45 Karol BARON: Some orthogonally additive surjections are additive
- 9:50 – 10:10 Justyna SIKORSKA: Set-valued orthogonal Cauchy equation
- 10:15 – 10:45 *Coffee break*
- 2nd morning session **Chair:** Henrik STETKÆR
- 10:45 – 11:05 Roman GER: Fischer-Muszély functional equation almost everywhere
- 11:10 – 11:30 Antal JÁRAI: A 0–1 law for multiplicative functional equations satisfied almost everywhere
- 11:35 – 11:55 Wojciech JABŁOŃSKI: Additive iterative roots of identity and Hamel bases
- 12:00 – 12:30 *Problems and Remarks*
- 13:00 *Lunch*
- 1st afternoon session **Chair:** Moshe GOLDBERG
- 15:00 – 15:20 Jürg RÄTZ: On the functional equation
 $x + f(y + f(x)) = y + f(x + f(y))$
- 15:25 – 15:45 Jacek CHMIELIŃSKI: Pexiderized orthogonality equation
- 15:50 – 16:10 Jacek CHUDZIAK: On a composite equation stemming from subsemigroups determination
- 16:15 – 16:45 *Coffee break*
- 2nd afternoon session **Chair:** Karol BARON
- 16:45 – 17:05 Moshe GOLDBERG: The Critical Power of the Numerical Radius
- 17:10 – 17:30 Zoltán BOROS: Local decompositions and strong \mathbf{Q} -differentiability of higher order
- 17:35 – 17:55 Eliza JABŁOŃSKA: On Haar meager sets and Piccard's theorem
- 18:00 – 18:30 *Problems and Remarks*
- 19:00 *Dinner*

**52nd International Symposium
on Functional Equations**
Grillhof, Innsbruck, Austria



Programme: Tuesday 24.6.2014

7:30 – 8:30 *Breakfast*

1st morning session **Chair:** Detlef GRONAU

9:00 – 9:20 Jaroslav SMÍTAL: Regular solutions of the generalized Dhombres equation

9:25 – 9:45 Ludwig REICH: Transformation theory of generalized Dhombres equations in the complex domain

9:50 – 10:10 Jörg TOMASCHEK: On a non-homogeneous linear equation in the complex domain

10:15 – 10:45 *Coffee break*

2nd morning session **Chair:** Jaroslav SMÍTAL

10:45 – 11:05 Marek Cezary ZDUN: On singular interval-value iteration groups

11:10 – 11:30 Zbigniew LEŚNIAK: On properties of generalized Reeb flows

11:35 – 11:55 Marta ŠTEFÁNKOVÁ: Inheriting of chaos in nonautonomous dynamical systems

12:00 – 12:30 Problems and Remarks

13:00 *Lunch*

1st afternoon session **Chair:** Gyula MAKSA

15:00 – 15:20 Jean-Luc MARICHAL: Associative string functions

15:25 – 15:45 Harald FRIPERTINGER: On n -associative formal power series

15:50 – 16:10 Gergő NAGY: Mappings on sets of Hilbert space operators that leave the norm of commutators invariant

16:15 – 16:45 *Coffee break*

2nd afternoon session **Chair:** László SZÉKELYHIDI

16:45 – 17:05 Janusz MORAWIEC: On inhomogeneous refinement type equations

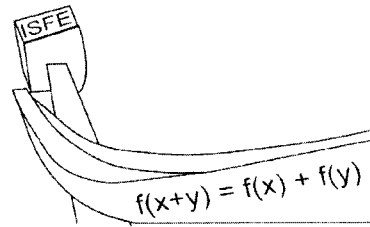
17:10 – 17:30 Patrícia SZOKOL: Maps preserving geodesic and their connection with relative entropy

17:35 – 17:55 Gregory DERFEL: Diffusion on fractals and the Poincaré functional equation

18:00 – 18:30 Problems and Remarks

19:00 *Dinner*

52nd International Symposium
on Functional Equations
Grillhof, Innsbruck, Austria



Programme: Wednesday 25.6.2014

7:30 – 8:30 *Breakfast*

Special session

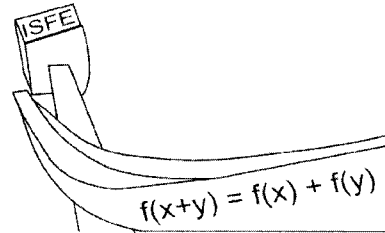
Chaired by Maciej SABLİK

9:00 – 12:00 **Alienation of functional equations**
with a regular talk Gyula MAKSA: On exponential Cauchy differences that are Hosszú
differences
and in the middle *Coffee break*

12:30 *Lunch*

13:30 *Excursion*

52nd International Symposium
on Functional Equations
Grillhof, Innsbruck, Austria



Programme: Thursday 26.6.2014

7:30 – 8:30 *Breakfast*

1st morning session **Chair:** Kazimierz NIKODEM

9:00 – 9:45 Witold JARCZYK: Convexity on groups

9:50 – 10:10 Mihály BESSENYEI: Convexity with respect to Beckenbach families

10:15 – 10:45 *Coffee break*

2nd morning session **Chair:** Mihály BESSENYEI

10:45 – 11:05 Zsolt PÁLES: An extremal property of the cone of Wright-convex functions

11:10 – 11:30 Judit MAKÓ: On (c, α) -Jensen convexity

11:35 – 11:55 Andrzej OLBRYŚ: On h -convex functions

12:00 – 12:30 Problems and Remarks

13:00 *Lunch*

1st afternoon session **Chair:** Jean-Luc MARICHAL

15:00 – 15:20 Kazimierz NIKODEM: Strong convexity and a strengthening of the G-L-A mean inequalities

15:25 – 15:45 Teresa RAJBA: On strongly delta-convex functions of higher order

15:50 – 16:10 Attila GILÁNYI: On convex functions of higher order with a modulus

16:15 – 16:45 *Coffee break*

2nd afternoon session **Chair:** Jolanta K. MISIEWICZ

16:45 – 17:05 Włodzimierz FECHNER: Functional inequalities related to the notion of averaging operators

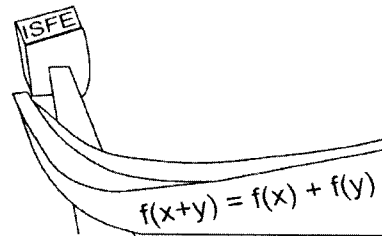
17:10 – 17:30 Tomasz SZOSTOK: Inequalities of the Hermite-Hadamard type involving numerical differentiation formulas

17:35 – 17:55 Szymon WĄSOWICZ : Hermite-Hadamard type inequalities in the multivariate case

18:00 – 18:30 Problems and Remarks

19:00 *Dinner*

52nd International Symposium
on Functional Equations
Grillhof, Innsbruck, Austria



Programme: Friday 27.6.2014

7:30 – 9:00 *Breakfast*

1st morning session **Chair:** Zoltán DARÓCZY

9:00 – 9:20 Janusz MATKOWSKI: Invariance formulas for weighted quasi-arithmetic means for bounded sequences

9:25 – 9:45 Dorota GŁAZOWSKA: Invariance equation involving Matkowski means

9:50 – 10:10 Justyna JARCZYK: Parametrized means and their Gauss compositions

10:15 – 10:45 *Coffee break*

2nd morning session **Chair:** Janusz MATKOWSKI

10:45 – 11:05 László SZÉKELYHIDI: A characterization of polynomial functions

11:10 – 11:30 Jens SCHWAIGER: On the construction of functional equations with prescribed general solution

11:35 – 11:55 Adrienn VARGA: On a special class of linear functional equations

12:00 – 12:30 Problems and Remarks

13:00 *Lunch*

1st afternoon session **Chair:** Justyna SIKORSKA

15:00 – 15:20 Eszter GSELMANN: Additive solvability and linear independence of the solutions of a system of functional equations

15:25 – 15:45 Peter STADLER: Curve shortening by short rulers

15:50 – 16:10 Pál BURAI: Functional equations involving Makó-Páles means

16:15 – 16:45 *Coffee break*

2nd afternoon session **Chair:** Antal JÁRAI

16:45 – 17:05 Jolanta K. MISIEWICZ: Generalized convolution, Markov processes and an integral functional equation

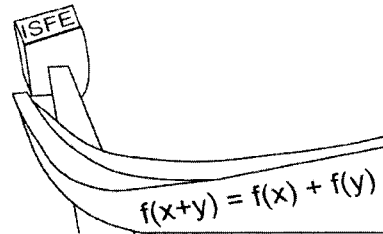
17:10 – 17:30 Károly LAJKÓ: A negative result on the characterization of bivariate distributions

17:35 – 17:55 El-Sayed EL-HADY: On the solutions of a two-place functional equation arising from a queueing system

18:00 – 18:30 Problems and Remarks

19:30 *Dinner*

52nd International Symposium
on Functional Equations
Grillhof, Innsbruck, Austria



Programme: Saturday 28.6.2014

7:30 – 9:00 *Breakfast*

1st morning session **Chair:** Gregory DERFEL

9:00 – 9:20 Janusz BRZDĘK: Fixed point methods in Ulam's type stability

9:25 – 9:45 Tomasz KOCHANEK: Towards a C*-algebraic characterization of the Hyers–Ulam stability

9:50 – 10:10 Bogdan BATKO: Spectral representation theory and approximate solutions of functional equations in vector lattices

10:15 – 10:45 *Coffee break*

2nd morning session **Chair:** Zygfryd KOMINEK

10:45 – 11:05 Henrik STETKÆR: An extension of Wilson's equation to groups

11:10 – 11:30 Gergely KISS: The discrete Pompeiu problem

11:35 – 11:50 Problems and Remarks

12:30 Closing session **Chair:** Marek Cezary ZDUN

13:00 *Lunch*

19:00 *Dinner*