

# P R O G R A M M E

MONDAY, JUNE 2

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15<sup>00</sup>      OPENING ADDRESS

SESSION 1.    **CHAIR:** LÁSZLÓ SZÉKELYHIDI

15<sup>10</sup> – 15<sup>50</sup>      ROMAN BADORA      *Invariant means in the theory of stability*

15<sup>55</sup> – 16<sup>10</sup>      WOJCIECH JABŁOŃSKI      *Stability and completeness*

16<sup>15</sup> – 16<sup>45</sup>      Coffee break

SESSION 2.    **CHAIR:** JUSTYNA SIKORSKA

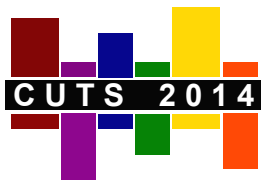
16<sup>45</sup> – 17<sup>00</sup>      ZSOLT PÁLES      *Stability of generalized monomial functional equations*

17<sup>05</sup> – 17<sup>20</sup>      ATTILA GILÁNYI      *On the stability of monomial functional equations*

17<sup>25</sup> – 17<sup>40</sup>      MARCIN ADAM      *Stability of the polynomial functional equation in the class of differentiable functions*

17<sup>45</sup> – 18<sup>00</sup>      KRZYSZTOF CIEPLIŃSKI      *On a functional equation characterizing multi-additive mappings and its Hyers-Ulam stability*

18<sup>05</sup> – 18<sup>25</sup>      PROBLEMS AND REMARKS



# PROGRAMME

TUESDAY, JUNE 3

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## SESSION 3. CHAIR: PETER VOLKMANN

- 8<sup>45</sup> – 9<sup>25</sup> JACEK CHUDZIAK *Stability problem for composite type functional equations*  
9<sup>30</sup> – 9<sup>50</sup> Coffee break

## SESSION 4. CHAIR: HAMDULLAH ŞEVLI

- 9<sup>50</sup> – 10<sup>05</sup> AJDA FOŠNER *Some results on the stability of functional equations*  
10<sup>10</sup> – 10<sup>25</sup> MAGDALENA PISZCZEK *Stability and hyperstability of the Drygas functional equation*  
10<sup>30</sup> – 10<sup>45</sup> JOLANTA OLKO *On stability of the general linear equation*  
10<sup>50</sup> – 11<sup>05</sup> ANNA BAHYRYCZ *On hyperstability of the general linear equation*  
11<sup>10</sup> – 11<sup>30</sup> Coffee break

## SESSION 5. CHAIR: SZILÁRD ANDRÁS

- 11<sup>30</sup> – 11<sup>45</sup> DORIAN POPA *Hyers-Ulam stability of some equations and operators*  
11<sup>50</sup> – 12<sup>05</sup> TÍMEA NAGY *Second order non-linear ODEs with non-local initial conditions. Existence and Ulam-Hyers stability*  
12<sup>10</sup> – 12<sup>25</sup> ALPÁR RICHÁRD MÉSZÁROS *Ulam-Hyers stability of elliptic PDEs in Sobolev spaces*  
12<sup>30</sup> – 12<sup>45</sup> HAMDULLAH ŞEVLI *Hyers-Ulam stability of Volterra integro-differential equations*

## SESSION 6. CHAIR: ATTILA GILÁNYI

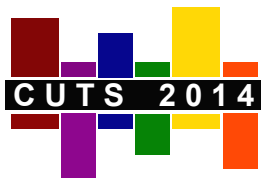
- 15<sup>00</sup> – 15<sup>15</sup> KAZIMIERZ NIKODEM *Strong convexity and separation theorems*  
15<sup>20</sup> – 15<sup>35</sup> ANDRZEJ OLBRYŚ *On separation by  $h$ -convex functions*  
15<sup>40</sup> – 15<sup>55</sup> ZOLTÁN BOROS *Rolewicz theorem for convexity of higher order*  
16<sup>00</sup> – 16<sup>20</sup> Coffee break

## SESSION 7. CHAIR: ZAYID ABDULHADI

- 16<sup>20</sup> – 16<sup>35</sup> PEKKA ALESTALO *Hyers-Ulam theorem for bounded sets and applications*  
16<sup>40</sup> – 16<sup>55</sup> TOMASZ SZOSTOK *Stability of functional equations stemming from numerical analysis*  
17<sup>00</sup> – 17<sup>15</sup> ZBIGNIEW LEŚNIAK *On stability of an operator type equation of order  $n$*   
17<sup>20</sup> – 17<sup>40</sup> Coffee break

## SESSION 8. CHAIR: AJDA FOŠNER

- 17<sup>40</sup> – 17<sup>55</sup> ZAYID ABDULHADI *On the product combination of logharmonic mappings*  
18<sup>00</sup> – 18<sup>15</sup> ESZTER GSELMANN *Characterization of derivations through their actions on certain elementary functions*  
18<sup>20</sup> – 18<sup>35</sup> PAWEŁ PASTECZKA *On negative results concerning Hardy means*  
18<sup>40</sup> – 18<sup>55</sup> PROBLEMS AND REMARKS



# P R O G R A M M E

WEDNESDAY, JUNE 4

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## SPECIAL SESSION ON DISCRETE DYNAMICAL SYSTEMS

organized by  
MARTA ŠTEFÁNKOVÁ

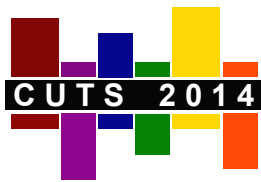
### SESSION 9. **CHAIR:** PAVOL ZLATOŠ

8 <sup>45</sup> – 9 <sup>15</sup>	JAROSLAV SMÍTAL	<i>Distributional chaos after twenty years</i>
9 <sup>20</sup> – 9 <sup>50</sup>	MARTA ŠTEFÁNKOVÁ	<i>On the Sharkovsky classification program of triangular maps</i>
9 <sup>55</sup> – 10 <sup>25</sup>	Coffee break	

### SESSION 10. **CHAIR:** MARTA ŠTEFÁNKOVÁ

10 <sup>25</sup> – 10 <sup>55</sup>	ZDENĚK KOČAN	<i>Dynamics on intervals, graphs and dendrites</i>
11 <sup>00</sup> – 11 <sup>20</sup>	JANA DVOŘÁKOVÁ	<i>Chaos in nonautonomous discrete dynamical systems</i>
11 <sup>25</sup> – 11 <sup>45</sup>	LESZEK SZALA	<i>Chaotic behavior of discrete dynamical systems with randomly perturbed trajectories</i>
11 <sup>50</sup> – 12 <sup>10</sup>	PROBLEMS AND REMARKS	

13<sup>30</sup> EXCURSION TO NOWY SĄCZ AND STARY SĄCZ



# PROGRAMME

THURSDAY, JUNE 5

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## SESSION 11. CHAIR: IOAN GOLEȚ

- 8<sup>45</sup> – 9<sup>25</sup> LIVIU CĂDARIU *Fixed point theory and the Hyers-Ulam stability of functional equations*
- 9<sup>30</sup> – 9<sup>50</sup> Coffee break

## SESSION 12. CHAIR: ANNA BAHYRYCZ

- 9<sup>50</sup> – 10<sup>05</sup> SEBAHEDDIN ŞEVGIN *Hyers-Ulam stability of an integro-differential equation*
- 10<sup>10</sup> – 10<sup>25</sup> LÁSZLÓ SZÉKELYHIDI *Stability of functional equations on hypergroups*
- 10<sup>30</sup> – 10<sup>45</sup> LIVIU CĂDARIU *Hyers-Ulam-Rassias stability in random normed spaces*
- 10<sup>50</sup> – 11<sup>05</sup> PAVOL ZLATOŠ *Stability of homomorphisms in the compact-open topology*
- 11<sup>10</sup> – 11<sup>30</sup> Coffee break

## SESSION 13. CHAIR: ZDENĚK KOČAN

- 11<sup>30</sup> – 11<sup>45</sup> PETER VOLKMANN *Bounded perturbations of additive functions*
- 11<sup>50</sup> – 12<sup>05</sup> JACEK TABOR *Stability of the elastic maps*
- 12<sup>10</sup> – 12<sup>25</sup> BARBARA PRZEBIERACZ *Stability of the translation equation*
- 12<sup>30</sup> – 12<sup>45</sup> LAHBIB OUBBI *Ulam stability of an equation with several parameters*

## SESSION 14. CHAIR: LIXIN CHENG

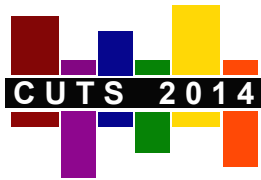
- 15<sup>00</sup> – 15<sup>15</sup> STEVO STEVIĆ *Unique existence of solutions of a class of nonlinear functional equations in a neighborhood of zero*
- 15<sup>20</sup> – 15<sup>35</sup> ELIZA JABŁOŃSKA *Fixed points almost everywhere and Hyers-Ulam stability*
- 15<sup>40</sup> – 15<sup>55</sup> PAWEŁ WÓJCIK *On a restriction of an operator to an invariant subspace*
- 16<sup>00</sup> – 16<sup>20</sup> Coffee break

## SESSION 15. CHAIR: ELIZA JABŁOŃSKA

- 16<sup>20</sup> – 16<sup>35</sup> JACEK CHMIELIŃSKI *Orthogonality equations and their stability*
- 16<sup>40</sup> – 16<sup>55</sup> STANISŁAW SIUDUT *Cauchy difference operator in some Orlicz classes*
- 17<sup>00</sup> – 17<sup>15</sup> BOGDAN BATKO *Superstability of some conditional functional equations*
- 17<sup>20</sup> – 17<sup>40</sup> Coffee break

## SESSION 16. CHAIR: ZOLTÁN BOROS

- 17<sup>40</sup> – 17<sup>55</sup> SZYMON WĄSOWICZ *Symmetrization and convexity I*
- 18<sup>00</sup> – 18<sup>15</sup> DOROTA ŚLIWIŃSKA *Symmetrization and convexity II*
- 18<sup>20</sup> – 18<sup>35</sup> JOANNA SZCZAWIŃSKA *Selections of generalized convex set-valued functions with bounded diameter*
- 18<sup>40</sup> – 18<sup>55</sup> PROBLEMS AND REMARKS



# P R O G R A M M E

FRIDAY, JUNE 6

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## SESSION 17. **CHAIR:** TOMASZ SZOSTOK

8 <sup>45</sup> – 9 <sup>00</sup>	SZILÁRD ANDRÁS	<i>Ulam-Hyers stability of integral equations with weak singularities</i>
9 <sup>05</sup> – 9 <sup>20</sup>	NASRIN EGHBALI	<i>An approach to the stability of fractional differential equations</i>
9 <sup>25</sup> – 9 <sup>45</sup>	PROBLEMS AND REMARKS	
9 <sup>45</sup> – 10 <sup>15</sup>	Coffee break	

## SESSION 18. **CHAIR:** IOAN RAŞA

10 <sup>15</sup> – 10 <sup>30</sup>	JANUSZ BRZDĘK	<i>On stability of a family of functional equations</i>
10 <sup>35</sup> – 10 <sup>50</sup>	RENATA MALEJKI	<i>On stability of a generalization of the Fréchet equation</i>
10 <sup>55</sup> – 11 <sup>10</sup>	MAREK CZERNI	<i>Set stability of Shanholt type for linear functional equations</i>
11 <sup>15</sup>	<b>CLOSING OF THE CUTS</b>	