

**THE 5TH INTERNATIONAL  
STUDENTS' CONFERENCE  
ON ANALYSIS**

Szare, Poland  
February 7–10, 2009

# Program

## 8 February

- 7<sup>30</sup> – 8<sup>30</sup> Breakfast
- 10<sup>00</sup> – 10<sup>10</sup> Opening of the conference
- 10<sup>10</sup> – 11<sup>10</sup> PÁLES, ZSOLT: *Equality and comparison problems in various classes of means I*
- 11<sup>15</sup> – 11<sup>35</sup> KOCHANÉK, TOMASZ: *An application of the Farkas lemma to the stability problem for arithmetic functions*
- 11<sup>35</sup> – 11<sup>50</sup> Coffee break
- 11<sup>50</sup> – 12<sup>50</sup> GILÁNYI, ATTILA: *Convex functions of higher order*
- 13<sup>00</sup> – 14<sup>00</sup> Lunch
- 14<sup>20</sup> – 17<sup>00</sup> Excursion
- 18<sup>00</sup> – 18<sup>20</sup> NOWAK, AGATA: *Polynomial and general linear congruences*
- 18<sup>20</sup> – 18<sup>40</sup> GSELMANN, ESZTER: *The Shannon field of non-negative information functions*
- 19<sup>00</sup> – 20<sup>00</sup> Supper

## 9 February

- 8<sup>00</sup> – 9<sup>00</sup> Breakfast
- 9<sup>00</sup> – 9<sup>45</sup> GER, ROMAN: *Hahn-Banach extension theorem and functional equations*
- 9<sup>50</sup> – 10<sup>10</sup> MÉSZÁROS, FRUZSINA: *Functional equations in the characterization problems of probability theory*
- 10<sup>10</sup> – 10<sup>30</sup> FECHNER, WŁODZIMIERZ: *Some Stability Results for Equations and Inequalities Connected with the Exponential Function*
- 10<sup>30</sup> – 11<sup>00</sup> Coffee break
- 11<sup>00</sup> – 12<sup>00</sup> GILÁNYI, ATTILA: *On inequalities related to the square-norm equation*
- 12<sup>00</sup> – 14<sup>00</sup> Lunch
- 14<sup>00</sup> – 14<sup>45</sup> BARON, KAROL: *Continuity of solutions of the translation equation*
- 14<sup>50</sup> – 15<sup>10</sup> STUHL, IZABELLA: *Quasigroup extension*
- 15<sup>10</sup> – 15<sup>30</sup> DAWIDOWSKI, ŁUKASZ: *An Application of the Modified Gółqb-Schinzel Equation to Meteorology and Fluid Mechanics*
- 15<sup>30</sup> – 16<sup>00</sup> Coffee break
- 16<sup>00</sup> – 16<sup>20</sup> NAGY, GERGŐ: *Some preserver problems on quantum states*
- 16<sup>20</sup> – 16<sup>40</sup> BAJÁK, SZABOLCS: *Computer aided solution of the invariance equation for two-variable Stolarsky means*
- 16<sup>40</sup> – 17<sup>00</sup> FECHNER, ŻYWILLA: *Wilson's functional equation in Banach algebras*
- 17<sup>00</sup> – 17<sup>20</sup> KÉZI, CSABA: *On log-superquadratic functions*
- 18<sup>00</sup> – 20<sup>00</sup> Supper

## 10 February

- 8<sup>00</sup> – 9<sup>00</sup> Breakfast
- 9<sup>00</sup> – 9<sup>20</sup> BURAI, PÁL: *Bernstein-Doetsch type results for s-convex functions*
- 9<sup>20</sup> – 10<sup>20</sup> PÁLES, ZSOLT: *Equality and comparison problems in various classes of means II*
- 10<sup>20</sup> – 10<sup>35</sup> Closing of the conference
- 12<sup>00</sup> – 13<sup>00</sup> Lunch

## Abstracts