PROGRAMME XXII Czech-Polish-Slovak Mathematical Conference Ružomberok, Slovakia

June $3^{rd} - 5^{th}$, 2015

WEDNESDAY, June 3, 2015

13^{00}	Opening of the Conference	(Room A201)
$13^{10} - 14^{00}$	Plenary lecture	
	JAN KOPKA, GEORGE FEISSNER – Two Important Reformulation and Generalization of Problems	Heuristic Strategies:

Section: Teacher training theory in Mathematics

(ROOM **A201**)

14⁰⁰ – 15³⁰ Chair: Grażyna Rygał

- 1. LENKA ČINČUROVÁ, PAVEL TLUSTÝ Using computer in the course of studying a convergence of series
- 2. ANTONÍN JANČAŘÍK Dynamic schema and dynamic models
- 3. KATARZYNA TROCZKA-PAWELEC, JACEK JĘDRZEJEWSKI Angle what kinds of angles we make use of
- 4. JACEK JĘDRZEJEWSKI Vectors in School Mathematics

$15^{30} - 16^{00}$ Coffee Break

$16^{00} - 18^{00}$ Chair: Pavel Tlustý

- 1. PÉTER KÖRTESI Symmetry of Parabola order three and four
- 2. GRAŻYNA RYGAŁ Geometric solutions of mathematical tasks
- 3. DAVID NOCAR, TOMÁŠ ZDRÁHAL Inquiry-based education with Cabri in the math teacher training
- 4. ROMAN GREBEŇ, JOSEF MOLNÁR Geometric terminology: How do teachers see it?
- 5. VIERA UHERČÍKOVÁ Using of Tangram in the mathematics education at primary school
- 6. JAN WOSSALA, LENKA JANSKÁ CLIL in math lessons

Section: Mathematics and its Applications

$14^{00} - 15^{30}$ Chair: Roman Frič

- 1. JITKA LAITOCHOVÁ Difference of a function in the space of strictly monotonic functions
- 2. ANETTA GÓRNICKA On some dual logic without tautologies
- 3. GRAŻYNA KRECH, IRENEUSZ KRECH On some Gauss-Weierstrass operators
- 4. STANISLAW KOWALCZYK On composition of path continuous functions
- $15^{30}-16^{00} \quad {\rm Coffee \ Break}$

(ROOM **A244**)

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16⁰⁰ – 18⁰⁰ Chair: Jacek Jędrzejewski

- 1. Renata Malejki Some properties of the Baskakov-Durrmeyer type operators of two variables
- 2. MALGORZATA TUROWSKA On symmetrically porous continuous functions
- 3. MIROSLAV HAVIAR New clothes for duals of bounded lattices
- 4. JOANNA GRYGIEL How many tolerances are there for finite lattices?
- 5. ANETA DADEJ, KATARZYNA HALIK On generated sets in d- σ -posets

18⁰⁰ Supper with Social Evening

THURSDAY, June 4, 2015

$9^{00} - 12^{00}$	Program of the Seminary Galileo Galilei (Aula of John Paul II)
$12^{00} - 13^{30}$	Lunch
13^{30}	It is possible to choose between the program of Seminary Galileo
	Galilei (ROOM A244) and the section

Section: Teacher training theory in Mathematics (

(ROOM **A201**)

13³⁰ – 15³⁰ Chair: Josef Molnár

- 1. VĚRA FERDIÁNOVÁ, JAKUB PORUBA The influence of interactive materials on students study results
- 2. MARTINA HUBIŠTOVÁ Financial literacy opinions of teachers from secondary schools for pupils with mental disabilities
- 3. DAVID JANDA, DEREK PILOUS Prototypes of Functions
- 4. TOMÁŠ ZDRÁHAL, DAVID NOCAR A cosine function
- 5. PETRA KONEČNÁ Unconventional methods in mathematics teaching
- $15^{30}-16^{00} \quad {\rm Coffee \ Break}$

16⁰⁰ – 18⁰⁰ Chair: Petra Konečná

- 1. LILLA KOREŇOVÁ GeoGebra and mobile learning in elementary and secondary school mathematics
- 2. MARTINA VINKLÁŘOVÁ, JÁN GUNČAGA Geometrical notions for primary school according Franz Močnik
- 3. Peter Vankúš Development of pupils' attitudes towards mathematics
- 4. MIROSLAV KRUŽÍK Horner's Method using Excel
- 5. PAVEL HOLMAN Use of ICT in teaching mathematics
- 6. ZUZANA VÁCLAVÍKOVÁ Creative science the way how to improve the knowledge and skills of children

18⁰⁰ Supper for participants of the CEEPUS excursion