

# 16th International Conference

## Teaching Mathematics: Retrospective and Perspectives

May 7 - 9, 2015, Palanga, Lithuania

### Program

#### Thursday, May 7<sup>th</sup>

14.00 -16.00 **Registration** (Vilnius University Conference and Seminar centre Romuva, Birutės al 35)

16.00- 19.00 **Sightseeing tour of Palanga**

19.30-22.00 **Welcome party** (Vilnius University Conference and Seminar centre Romuva, Birutės al 35)

#### Friday, May 8<sup>th</sup>

**8.00 Morning Coffee** (Vilnius University Conference and Seminar centre Romuva)

**9.00 – 10.00 Registration** (Vilnius University Conference and Seminar centre Romuva)

#### **Plenary session**

Chair of the meeting Romualdas Kašuba

#### **10.00 Opening**

10.20 Ričardas Kudžma (Vilnius University), Tomas Navickas (Vilnius University) **Semiotic analysis of subtraction operation**

10.50 Madis Lepik (Tallinn University) **Textbook use in mathematics classrooms: The teachers' and the pupils' view**

#### **Session**

**11.30** Chair of the meeting Romualdas Kašuba

- 11.30 Svetlana Asmuss (University of Latvia), Natalja Budkina (Riga Technical University) **Dynamic visualization of optimization and approximation processes in teaching mathematics**
- 11.50 Maruta Avotina (University of Latvia) **“Topic” Problem in Mathematical Olympiad**

- 12.10 Algirdas Ažubalis (The General Jonas Žemaitis Military Academy of Lithuania) **Teaching mathematics according to translated course-books at Lithuanian primary schools (1944 -1970)**

**12.30 Lunch** (Vilnius University Conference and Seminar centre Romuva, Birutės al 35)

**13.30** Chair of the meeting Ričardas Kudžma, Janis Mencis

- 13.30 Inese Bula (University of Latvia) **Development of the professional bachelor study programme Mathematics Statistics**
- 13.50 Andrejs Cibulis, Juris Čerņenoks (University of Latvia) **Some Polyomino Exclusion Problems in the Context of in-depth Teaching of Mathematics**
- 14.10 Antonio Manuel Dias Domingos (New university of Lisbon, Portugal), Juozas Banionis, Vilma Gesevičienė, Nijolė Cibulskaitė, Vaiva Grabauskienė (Lithuanian University of Educational Sciences) **Teaching of Function Concept in Lithuanian and Portuguese Textbooks for a basic School;**
- 14.30 Nijolė Cibulskaitė (Lithuanian University of Educational Sciences), Iolanta Gravite, Agnessa Jermalionoka, Galina Kozlovska, Ilga Marcelionoka, Anastasija Novikova (Daugavpils University) **Several Comments on the Philosophy of Mathematical Education;**
- 14.50 Paulius Drungilas, Romualdas Kašuba (Vilnius University) About the new Specifications of the Kangaroo Competition in Lithuania;
- 15.10 Vilma Gesevičienė (Lithuanian University of Educational Sciences), Edmundas Mazėtis (Vilnius University) **Rewise of LUES young Mathematicians Olympiad;**
- 15.30 Aleksandra Fjodorova, Jānis Mencis (University of Latvia) **Bloom's taxonomy interpretation by Prof. Jānis Mencis (senior);**
- 15.50 Vaira Karklina (Liepāja University) **Measurement in school mathematics;**

**16.10 Coffeebreak**

**16.40** Chair of the meeting Edmundas Mazėtis, Dace Kūma

- 16.40 Elfrīda Krastiņa, Anita Sondore, Elga Drelinga (Daugavpils University) **Combinatorics tasks in Grades 1-6: Fostering Concept Acquisition and Reading Comprehension;**
- 17.00 Dace Kūma (Liepāja University) **Liepāja University Olympiad;**
- 17.20 Agnese Šuste, (University of Latvia) **Changes in Olympiads' Problem Set – School Level Problem;**
- 17.40 Dzintars Tomsons (Liepāja University) **Role of Mathematics in Curriculum of Software Engineering;**
- 18.00 Dzintars Tomsons, Anita Jansone (Liepāja University) **Mathematics Teacher Training – First Year Experience Implementing Undergraduate Program at Liepāja University;**

- 18.20 Viesturs Vezis (University of Latvia) **New Educational Content in Computing in Latvian Schools and Mathematics**
- 18.40 Nadežda Žuka, Jānis Mencis (University of Latvia) **Controversial interconnection of theoretical mathematics and secondary school mathematics.**
- 19.00 Eugenijus Paliokas (Vilnius Gediminas Technical University) **Mathematics: Queen of Science or a Servant.**

19.30 **Dinner** (Vilnius University Conference and Seminar centre Romuva, Birutės al 35)

### **Saturday, May 9th**

9.00 **Morning Coffee** (Vilnius University Conference and Seminar centre Romuva)

10.00 **Closing of the conference** (Vilnius University Conference and Seminar centre Romuva)