

ROOM 6

THURSDAY, JUNE 16, 2016

Section 8: History of Mathematics and Mathematics Education

Chair: Irena Stojkovska

10:50 – 11:10	Valentina Miovska, Aneta Gacovska-Barandovska: Most frequent errors and misconceptions of first year math students in high school problems
11:10 – 11:30	Gordana Nikolovska, Irena Stojkovska: Algebraic strategies for predictions in elementary mathematics education
11:30 – 11:50	Branislav Popović: Infinity in mathematics teaching in primary school
11:50 – 12:10	Marijana Toševska, Math teachers' past and current experience affecting their future test grading

12:10 – 12:30 Coffee break

Section 8: History of Mathematics and Mathematics Education

Chair: Veselin Nenkov

12:30 – 12:50	Boce Mitrevski, Aneta Gacovska-Barandovska, Lambe Barandovski: Application of math knowledge in solving problems of geometrical optics
12:50 – 13:10	Mejdin Saliji, Aneta Velkoska, Dončo Dimovski: Analysis of tasks and tests in mathematics for eighth grade in nine-years primary school
13:10 – 13:30	Biljana Shuminoska, Irena Stojkovska: Mathematical modeling in mathematics education through solving realistic Fermi problems
13:30–13:50	Zoran Trifunov, Marice Lazarovska: Solving real-life problems for increasing the motivation of students in learning Mathematics

13:30 – 15:30 Lunch

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Seminar 2

17:00 – 18:30	Seminar 2: The role of elementary number theory in teaching mathematically gifted students: opportunities and challenges Speaker: Risto Malčeski
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18:20 – 18:45 Coffee break

Section 8: History of Mathematics and Mathematics Education

Chair: Valentina Gogovska

18:40 – 19:00	Sava Grozdev, Deko Dekov: Computer discovered mathematics and applications in education
19:00 – 19:20	Risto Atanasov: Online homework systems in Calculus
19:20 – 19:40	Vesna Celakoska-Jordanova, Emilija Celakoska: Mathematical terminology: On the names of fractions in the Macedonian language
19:40 – 20:00	Jasmina Markoska, Gjorgji Markoski: Geometrical solving of some systems of equations
20:00 – 20:20	Atanas Tanusevski, Secrets of mental squaring of two-digit numbers

20:30 – 22:00 Dinner

ROOM 6

FRIDAY, JUNE 17, 2016

Section 8: History of Mathematics and Mathematics Education

Chair: Slagjana Jakimovik

9:40 – 10:00	Risto Atanasov: Teaching online mathematics course for undergraduate students
10:00 – 10:20	Vesna Celakoska-Jordanova, Emilija Celakoska: Names of foreign mathematicians in the mathematical literature in Macedonian
10:20 – 10:40	Metodi Glavche, Katerina Anevskaa, Risto Malcheski: Better integrated teaching of geometry and algebra in primary education

10:40 – 11:00 Coffee break

Section 8: History of Mathematics and Mathematics Education

Chair: Risto Atanasov

11:00 – 11:20	Ana Donevska-Todorova: An overview on the curricula for linear algebra in the Macedonian gymnasiums
11:20 – 11:40	Slagjana Jakimovik: Early learning of mathematics and the use of picture books in teaching
11:40 – 12:00	Borislav Lazarov, Albena Vasileva: Age factor in a math contest paper for 5th and 6th grade students
12:00 – 12:20	Jasmina Markoska, Gjorgji Markoski: Examination of the students' previous knowledge before and after the first year of secondary education
12:20 – 12:40	Valentina Gogovska: Logical fallacies as a tool for empowering students' thinking and reasoning in math classes

12:40 – 14:00 Lunch

14:15 – 19:30 EXCURSION

20:00 – 23:00 FAREWELL DINNER