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FutureMath

With the support of the Erasmus+ programme of the European Union
The Finnish National Board for Education is hosting the national agency
for the European Union's education and youth programmes.

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FutureMath project (no. 2015-1-FI01-KA203-009044)
is funded by the European Union

New learning scenarios in digitalized world

International Workshop

PROGRAMME



Date/Time: Wednesday, May 24, 2017, 14:30 to 18:30 p.m.
Room: I2 (1st floor)
Address: Technical University of Civil Engineering Bucharest
Faculty of Civil, Industrial and Agricultural Buildings
Blvd. Lacul Tei, No. 122-124, District 2, Bucharest, Romania

General Chair: Esa Kujansuu (Tampere University of Applied Sciences, Finland)

- 14:30 **Open Ceremony**
Ion Mierlus-Mazilu, Technical University of Civil Engineering, Bucharest, Romania
- 14:30-14:40 ***Digital text books for learners - a new challenge for Romanian secondary school.***
Ana Elisabeta Naghi, National Committee of Mathematics, Ministry of Education, Bucharest, Romania
Gabriel Vrinceanu, Teacher Training Center of Bucharest, Romania
- 14:40-14:50 ***Pedagogical Practices for Utilizing Educational Technology In Engineering Mathematics***
Hanna Kinnari-Korpela, Tampere University of Applied Sciences, Finland
Kirsi-Maria Rinneheimo, Tampere University of Applied Sciences, Finland
- 14:50-15:00 ***Dynamic Visualizations in Education of Mathematics***
Daniela Velichová, Slovak University of Technology in Bratislava, Slovakia
- 15:00-15:10 ***Interactive Mathematics For Engineers With MAPLE Usage***
Ralitsa Vasileva-Ivanova, University of Ruse, Bulgaria
Magdalena Petkova, University of Ruse, Bulgaria
Emiliya Velikova, University of Ruse, Bulgaria
Ion Mierlus-Mazilu, Technical University of Civil Engineering, Bucharest, Romania
- 15:10-15:20 ***E-Learning Materials, Methods and Tools to Activate Students***
Anne Uukkivi, University of Applied Sciences, Tallinn, Estonia
Oksana Labanova, University of Applied Sciences, Tallinn, Estonia
- 15:20-15:30 ***Foster Students' Creativity and Motivation Through Active Learning***
Valentina Voinohovska, University of Ruse, Bulgaria

- 15:30-15:40 ***Goniometric Functions and their Mathematical Representation***
Daniela Richtarikova, Slovak University of Technology in Bratislava, Slovakia
- 15:40-15:50 ***Trigonometry and Limits***
Peter Letavaj, Slovak University of Technology in Bratislava, Slovakia
- 15:50-16:00 ***Constructivism and Multimedia Learning***
Dessislava Georgieva, University of Ruse, Bulgaria
Ion Mierlus Mazilu, Technical University of Civil Engineering, Bucharest, Romania
Emiliya Velikova, University of Ruse, Ruse, Bulgaria
- 16:00-16:10 ***Teaching Mathematical Terminology to Language Students***
Raluca Ghentulescu, Technical University of Civil Engineering, Bucharest, Romania
- 16:10-16:20 ***The Resonance Between Teacher and Technology Gives Authority to Specific Information***
Mihai Pincu, Theoretic High School "Dimitrie Bolintineanu", Bucharest, Romania
Liliana Pincu, Elementary School "George Calinescu", Bucharest, Romania
Catalin Mihai Pincu, Faculty of Mathematics and Computer Science, University of Bucharest, Romania
- 16:20-16:30 ***Webinar - the newest alternative for distance learning***
Diana Popescu, National College "Sf. Sava", Bucharest, Romania
Răzvan Săndulescu, National College "Sf. Sava", Bucharest, Romania
- 16:30-16:50** ***Coffee Break***
- 16:50-17:00 ***New Learning Methods For Modern Mentalities***
Ovidiu David Nae, "Grigore Moisil" National College, Bucharest, Romania
Antonie Luca Trifan, "Sfantul Sava" National College, Bucharest, Romania
Sofia Nae, "Sfantul Sava" National College, Bucharest, Romania
- 17:00-17:10 ***Bitwise Operators***
George-Robert Micu, "Sfantul Sava" National College, Bucharest, Romania
Sofia Nae, "Sfantul Sava" National College, Bucharest, Romania

- 17:10-17:20 ***Orbit Fractals***
Prassa Raluca-Mihaela, Faculty of Mathematics and Computer Science, University of Bucharest , Romania
Pirvulescu Valentina, Faculty of Mathematics and Computer Science, University of Bucharest , Romania
- 17:20-17:30 ***Area of a Curvilinear Trapezoid Using Integral Calculus***
Anghelescu Alice, “Saint Sava” National College, Bucharest, Romania
Stefania Constantinescu, Technical University of Civil Engineering, Bucharest, Romania
Ion Mierlus Mazilu, Technical University of Civil Engineering, Bucharest, Romania
- 17:30-17:40 ***Modern Methods of Teaching Physics Using a Free Website for Studying The Simple Pendulum***
Mihaela Chirita, Saint Sava National College, Bucharest, Romania
Cristian Mihai Chiriță, University College London, UK
- 17:40-17:50 ***Blended-Learning Applications in Teaching Chemistry***
Gabriela-Raluca Dimulescu, Secondary School No 56, Bucharest, Romania
- 17:50-18:00 ***Means and Methods of Teaching Chemistry***
Iuliana Shajaani, “Saint Sava: National College, Bucharest, Romania
Iuliana Cristea, “Jean Monnet” High-school, Bucharest, Romania
Ioana Maruntel, Carol Davila Medicine and Pharmacy University, Bucharest, Romania
- 18:00-18:10 ***Blended-Learning for Religion Schoolbooks***
Aurora Ciachir, Secondary School No 56, Bucharest, Romania
Dragos Ionita, Secondary School No 77, Bucharest, Romania
- 18:10-18:20 ***Scientix - Technology And Creativity***
Nectara Elena Mircioagă, Technological High School “Constatin Brâncuși”, Bucharest, Romania
- 18:20-18:30 ***A Set of Professional Attributes for Pre-Service Teachers***
Mariana Lili Badea, Colegiul National “Iulia Hasdeu”, Bucharest, Romania
- 18:30-21:00 *Social Program - Dinner Buffet***