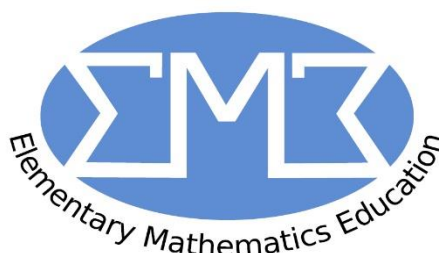


Department of Mathematics and Mathematical Education of Faculty of Science, Humanities and Education of Technical University of Liberec in cooperation with the Union of Czech Mathematicians and Physicists held in days

April 21 – 23, 2022, Liberec

under the auspices of the Dean of Faculty of Science, Humanities and Education of Technical University of Liberec
prof. RNDr. Jan Pícek, CSc.



26th scientific conference with international participation **EME 2022**

NEW CHALLENGES IN MATHEMATICAL EDUCATION IN PRIMARY SCHOOL

in accordance with the Strategy of the Educational Policy of the Czech Republic 2030+

The aim of the conference is to present the original results of scientific research and professional work in the field of mathematics and mathematical education, focused on the application in primary mathematical education and in university teacher training.

Main Topics of the Conference

- Modern and innovative approaches in mathematics education in primary school
- Development of creativity and teamwork in mathematics education in primary school
- Mathematics in primary school across educational areas
- Development of competencies and methodological support in the training of future primary school mathematics teachers
- Support digital skills in primary education

Plenary papers in the range of 45 min + 15 min of discussion and registered papers of individual participants in the range of 15 min + 5 min of discussion will be presented at the conference. Plenary lectures promised:

- prof. Dr. Klaus-Peter Eichler (University of Education Schwabisch-Gmünd, Germany)
- Ing. Marek Kovář, MBE (PANGEA – mathematical competition)
- prof. Roberto Tortora (University of Naples Federico II, Italy)

Round Table Discussion

- distance learning in primary school according to pupils with special needs

Languages of the Proceedings

- Czech, Slovak, Polish, English

Proceedings

A **collection of abstracts** will be compiled for the needs of the conference, which will also be available online. Abstracts of papers must be sent no later than **February 28, 2022**. The template for the preparation of the abstract is available on the conference website in the Information section.

Conference participants have the opportunity to publish the presented papers in a journal Učitel matematiky (ISSN 1210-9037) or in a journal Elementary Mathematics Education Journal (ISSN 2694-8133). The rules for publishing the article follow the guidelines for authors for the journals.

Učitel matematiky: <https://ojs.cuni.cz/ucitel/about/submissions>

Elementary Mathematics Education Journal: <http://emejournal.upol.cz/authors.php>

The Conference Fee

Entry fee in the amount of **2500 CZK / 100 €** (for JČMF members **2000 CZK / 80 €**). The conference fee includes the costs of organizing the conference and a collection of abstracts. **Deadline** for payment of the conference fee: by **February 28, 2022**.

Application form

Registration for the conference will be available **from November 1, 2021** on the conference website.

Deadline for registration of the application for the conference: no later than **February 28, 2022**.

Accompanying Program

- a visit to the science and entertainment centre IQLANDIA, o. P. S. , with a guided tour of the new mathematical exposition
- social evening

Accommodation and Meals

The organizers of the conference do not provide accommodation, the participants arrange and pay for them themselves. Catering is possible in the University Canteen or in restaurants in the vicinity of the TUL campus. The conference website lists selected accommodation options in Liberec.

Contacts

doc. RNDr. Jana Příhonská, Ph.D. jana.prihonska@tul.cz

doc. Ing. Martin Plešinger, Ph.D. martin.plesinger@tul.cz

Mgr. Jiří Břehovský, Ph.D. jiri.brehovsky@tul.cz

Conference email: info.eme2022@tul.cz

Conference web: eme2022.fp.tul.cz

International Program Committee:

Timo Tossavainen (Sweden), Grazyna Rygal (Poland), Adam Plocki (Poland), Ondrej Šedivý (Slovakia), Iveta Scholtzová (Slovakia), Pavol Hanzel (Slovakia) , Katarína Žilková (Slovakia), Eva Šmelová (Czech Republic), Josef Molnár (Czech Republic), Jana Příhonská (Czech Republic), Alena Hošpesová (Czech Republic), Bohumil Novák (Czech Republic), Martina Uhlířová (Czech Republic), David Nocar (Czech Republic), Radka Dofková (Czech Republic), Jaroslav Beránek (Czech Republic), Radek Krpec (Czech Republic)

Organizing Committee:

Dana Andrejsová, Daniela Bímová, Václav Bittner, Daniela Bittnerová, Jiří Břehovský, Roman Knobloch, Petra Pirklová, Jana Příhonská, Martin Plešinger, Jana Žáková

Conference Partners

