



CME '18

**Contemporary Mathematics Education
Second Announcement**

<http://www.cme.rzeszow.pl/>

This is the **Second Announcement and call for papers** for the conference in Contemporary Mathematics Education (formerly known as Children's Mathematical Education), CME '18, which is to be held on July 11-14, 2018 in Warsaw, Poland. All researchers in mathematics education, teacher trainers and teachers are invited to attend and contribute.

1. Aim and focus

The conference is planned as a working meeting for all those who are interested in teaching mathematics to students at all educational levels. This means that the conference is addressed to:

- teacher trainers involved in
 - in-service teacher training
 - pre-service teacher training
- researchers interested in all aspects of teaching and learning mathematics (creating mathematical concepts and procedures, developing mathematical thinking, teacher-pupil interactions, teaching processes, manuals and textbooks, etc.)
- mathematicians, who want to support mathematics teaching at school level
- reflective practitioners (teachers).

2. Conference theme: *Mathematics in the real world*

The program will be focused on teaching and learning mathematics to students at all educational levels.

3. Scientific activities during the conference

- Plenary lectures – 4 one-hour long lectures. The program includes plenary sessions during which invited speakers will focus on aspects of the conference theme. The plenaries provide a shared input to the conference and form a basis for discussions during seminars.
- Working seminars – the most important part of the conference. We plan to organize a work focused on 5 educational levels: children 3-6 years old, kindergarten; 7-9 years old, primary education; 10 – 12 years old, primary school; 13 – 15 years old, secondary school, 16 – 18 years old, higher secondary school. Each participant is invited to be a member of one of the working groups that will meet several times during the conference. Discussions and exchange of experiences and ideas are the essential aspects of this activity. Each group will be coordinated by leaders.

- Research Reports - Parallel sessions of 20 minutes oral presentations, followed by a 5-minute discussion. Presentations should be related to the theme of the conference.
- Workshops - Participants are encouraged to take part in workshops. These will involve a more extended type of contribution which should focus on concrete activities and encourage an active participation through working on materials, problems or questions. The workshop will last for about 1hour 30 min.
- Poster exhibition - Participants are encouraged to display their works in the exhibition hall.

4. Plenary speakers

- **Fragkiskos Kalavassis (Greece):** *Mathematics and the real world in a systemic perspective of the school*
- **Christine Knipping (Germany):** *Understanding optimization as a principle*
- **Zbigniew Marciniak (Poland):** *What mathematics we should teach in the XXI century*
- **Mogens Niss (Denmark):** *How can we use mathematics education research to uncover, understand and counteract mathematics specific learning difficulties?*

5. Working Seminars and their leaders

- level 3-6: **Chrysanthi Skoumpourdi (Greece)** - *Kindergarten mathematics in the real world*
- level 7-9: **Jan de Lange (The Netherlands)** - *The secrets of challenging activities for younger children*
- level 10-12: **Ineta Helmane (Latvia)** - *How to create tasks in Mathematics based on the thematic approach?*
- level 13-15: **Zoltán Kovács (Hungary)** - *Problem posing – tasks and challenges.*
- level 16-18: **Lambrecht Spijkerboer (The Netherlands)** - *Surface and deep approach in the mathematics classroom.*

6. Call for papers

We hope that all participants will contribute actively to the conference by sharing with others their experiences and views in the various sessions.

All papers submitted must be strictly related to the theme of the conference and will be reviewed by a panel of experts. The accepted papers will then be published in the monograph titled like the conference theme and will be handed out to participants at the start of conference. Participants can send a proposal for an oral presentation (Research Report), a workshop, or a poster.

The **deadline for sending papers** (research reports, proposals for workshops) is **extended to March 15, 2018**. The papers should be sent to Bozena Maj-Tatsis: bmaj@ur.edu.pl

7. Time and place

The conference is to be held on July 11-14, 2018 at the Faculty of Mathematics, Informatics and Mechanics of University of Warsaw (<https://www.mimuw.edu.pl/en>), in Warsaw, Poland. Faculty address: Banacha 2, 02 097 Warsaw, Poland.

8. Language

The official conference language is English.

9. Registration and conference fee

In order to register for the conference you need to pay the conference fee of 260 Euros (reduced fee for students and PhD students: 150 Euros). The conference fee includes all documents for the conference, proceedings, coffee breaks and all social activities for participants: excursion, social meetings and Conference dinner. The payment of the registration fee is a necessary pre-condition for the evaluation of submitted papers and can be done by money transfer. Detailed information is available at the conference website: <http://www.cme.rzeszow.pl/index.php?&p=payment>

10. Accommodation

We propose several hotels, which are located at a convenient distance from the conference venue.

Detailed information is available at the conference website:

<http://cme.rzeszow.pl/index.php?&p=accommodation>

11. Communication

For any questions please contact Ewa Swoboda: eswoboda@ur.edu.pl

You can be informed about the latest news of CME '18 by following our Facebook page:

<https://www.facebook.com/didactics.maths/>