

**FIRST ANNOUNCEMENT
TWELFTH YERME SUMMER SCHOOL (YESS12)
August 2022, 22nd-27th**

<https://www.jku.at/linz-school-of-education/yess-12>

The ERME Board, YERME, and the Local Organisers are happy to invite PhD students, post-doctoral researchers, and master students in mathematics education and others entering mathematics education research to take part in the Twelfth YERME Summer School (YESS12).

In line with the ERME Manifesto, the aims of the Summer School are:

- to let people from different countries meet and establish a friendly and cooperative style of work in the field of mathematics education research;
- to let people compare and integrate their preparation in the field of mathematics education research in a peer discussion climate with the help of highly qualified experts from various research areas;
- to let people present their research ideas, theoretical thoughts, methodological approaches or problems, and preliminary research results, in order to get suggestions (from other participants and experts) about possible developments, different perspectives, etc. and open the way to possible connections with nearby research projects and co-operation with researchers in other countries.

PERIOD, PLACE AND WEBSITE

The school begins on Monday August 22nd and finishes on Saturday August 27th, 2022 (five and a half days of work plus one intermediate half-day for excursion). The participants are required to be present during the whole 6-day summer school.

We have scheduled Sunday August 21st and Sunday August 28th for arrival-registration and for departure, respectively.

The Summer School will take place at Johannes Kepler University in Linz (Austria).

For updated information on how to attend and register, you may visit the YESS12 website:

<https://www.jku.at/linz-school-of-education/yess-12>



ACCOMMODATION AND CONFERENCE FEE

An all-inclusive 7 days full-board accommodation (from the afternoon of the 21st of August to the morning of the 28th of August) is offered.

The conference fee will be around 500-550 euros. This fee will include accommodation with full board (all meals), as well as an excursion.

There will be the possibility for some scholarships for participants from European and non-European countries who demonstrate the need for such support (depending on ERME and other contributions). Allocation will be decided according to the needs and the funds available. For those who apply for financial support an approval letter by the supervisor is requested. In principle, it is expected that participants will first seek support from funding organisations in their own country or their countries of study.

MAXIMUM NUMBER OF PARTICIPANTS

The maximum number of participants is 84. There is a selection process for those who register in time (see below).

PROGRAMME

According to the successful experiences of the previous European Summer Schools and their participants' suggestions, the programme will include:

- **Seven 45-minutes Lectures** given by the invited experts (with 30-minutes additional discussions with the lecturer, prepared by small group discussions); before the Summer School, each expert will circulate (by internet) a summary of his/her talk, pointing out relevant issues to be discussed. In addition, a daily meeting with the plenary speakers will be included in the programme.
- **Nine two-hour sessions in seven parallel Thematic Working Groups.** The Thematic Working Groups will meet every day (at least once). They will start from the participants' papers and will address (amongst others) the following "leading questions": How to choose research problems and research questions? How to refer to and use existing literature and frame own research? How to position theory in own research? How to construct an appropriate research methodology? How to identify, present and interpret research results? How to disseminate research findings so that they have real impact in schools and society? Specific attention will be paid to each participant's special needs.
- **One 90-minutes Discussion Group Session.** It will be devoted to topics of common interest – possibly including the above "leading questions".
- **One 90-minutes Informal Discussion Group Session.** It will be devoted to issues that are relevant to individual YERME participants' needs, self-organized by YERME.

TOPICS

The topics for the 2022 Summer School Thematic Working Groups (TWGs) are:

- TWG 1: Mathematics teacher knowledge, practice, and professional development
- TWG 2: Teaching and learning mathematics at the primary and pre-school level
- TWG 3: Teaching and learning mathematics at the secondary level, including the transition between elementary and secondary level
- TWG 4: Teaching and learning mathematics at the upper secondary and university levels
- TWG 5: Information technologies in mathematics teaching and learning
- TWG 6: Proof, proving, problem solving, and modelling in mathematics education
- TWG 7: Preservice teachers' training in mathematics

APPLICATIONS

Applicants should send their application form including a 250-words abstract describing the aims, theoretical framework, methodology, and status of their scientific work. They should also indicate their preferences about topics (by selecting one 'first choice', one 'second choice' and one 'third choice') in the application form, no later February 14th, 2022. The application form is available on the YESS12 website and at the following link: <https://forms.gle/wG8bGo8EhGfDQppCA>

The selection of candidates will take into consideration the clarity of the abstract, and at the same time it will aim to achieve a good balance of participants in terms of research experience, diversity of research approach, gender, and country. A necessary condition for the abstract acceptance is that it clearly addresses Mathematics Education. Applications from non-European countries will also be considered.

Applicants will be informed on March 28, 2022, about the decision regarding their application: either that they are invited to join the summer school or that they are included, at this stage, in a waiting list, or that their application is not accepted. Participants who are provisionally accepted should register (including paying the summer school fee) by June 6, 2022, the latest.

PARTICIPANTS' PAPERS

Accepted participants (see the Applications section above) will be invited to present one of the following three kinds of papers according to the situation of their studies and research work:

a) A presentation of preliminary results (with essential information about research framework and methodology)

- problem on which you have begun to work
- motivation: educational and/or scientific relevance of the problem
- how the problem is situated in current literature (state of the art)
- moving towards the future: ideas about how to tackle the problem
- research framework and research questions; method to answer the research questions

b) A presentation of research work in progress (research questions, research framework, methodology, aims...)

- problem on which you are working
- motivation: educational and/or scientific relevance of the problem
- how the problem is situated in current literature (state of the art)
- research framework and research questions
- method to answer the research questions: experimental design, etc.
- possibly, some examples of data analysis

c) A presentation with comprehensive information concerning personal graduate studies and/or research plans

- problem on which you have worked
- motivation: educational and/or scientific relevance of the problem
- how the problem is situated in current literature (state of the art)
- essential information on research framework; research questions
- method to answer the research questions: experimental design, etc.
- short, representative examples of data analysis and results
- conclusion, further research

The format of papers must be as follows:

- Write the paper in English using Times New Roman 12-point font, 16-point line space, and 6 points between paragraphs, occupying a frame of 170 by 247 mm.
- The paper should contain between 1000 and 1500 words (including references). The number of references should be reduced to a maximum of 12. You may bring copies of a longer version for distribution at the YESS12.
- Type and centre the title (in 16-point bold), author(s) name(s) (in 12-point bold), and affiliation(s) of author(s) (in 12-point italics) in this order; all in Times New Roman.
- Begin the paper with an introduction (without an abstract).
- Indicate up to five keywords.

A necessary condition for paper acceptance is that it clearly addresses mathematics education. Consequently, the authors should make the relation of their research to mathematics education explicit.

The accepted participants' full papers must be submitted by June 13, 2022. These will be distributed among the members of the thematic working group (TWG) of each participant before the Summer School.

IMPORTANT DATES AND DEADLINES

October 11, 2021: The First Announcement is sent to all former summer school participants and to all other people on the ERME e-mail list (participants of former CERME conferences). In addition, the First Announcement is published at the ERME and YERME websites.

February 14, 2022: Deadline for application for admission to participate.

March 28, 2022: E-mail notification is sent to all applicants, specifying that they are either invited to join the summer school or that they are included, at this stage, on the waiting list, or that their application is not accepted.

April 21, 2022: Deadline for participants accepted in the first round who seek financial support to send their application.

May 3, 2022: Participants on the waiting list receive final notification regarding their acceptance.

May 18, 2022: Deadline for participants called on the waiting list who seek financial support to send their application.

May 24, 2022: Decision on the financial support.

June 6, 2022: Final registration and conference fee payment deadline for those accepted.

June 13, 2022: Definitive reservation of rooms for participants – no refund possible after this date.

June 13, 2022: Deadline for submitting full papers by participants; immediate dissemination to participants and experts.

June 20, 2022: Official acceptance letters are sent out to all accepted people who have paid the registration fees.

June 30, 2022: Experts' abstracts are disseminated to participants.

August 22-27, 2022: YESS-12 takes place.

COMMITTEES

International programme committee: Konstantinos Tatsis (Greece, Chair), Viviane Durand-Guerrier (France, Co-chair), Jana Trgalova (France), Andrea Maffia (Italy), Michiel Veldhuis (The Netherlands), Dorota Lembrek (Sweden), Dilan Şahin-Gür (Germany), Zsolt Lavicza (Austria)

Local organising committee: Zsolt Lavicza (Chair), Branko Andjic (Vice Chair), Eva Ulbrich (Vice Chair), Martin Mayerhofer, Johanna Zöchbauer, Shereen ElBedewy, Imam Rahmadi, Ben Haas, Oi Mei Teo, Susanne Thrainer, Pastitta Laksmiwati, Fadhlan Muchas