

**FIRST ANNOUNCEMENT  
ELEVENTH YERME SUMMER SCHOOL (YESS11)**

**August 2021, 23<sup>rd</sup> -28<sup>th</sup>**

<https://yess11.events.unibz.it>

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 Eleventh YERME Summer School (YESS11).

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 August 23<sup>rd</sup> and finishes on August 29<sup>th</sup>, 2021 (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 22<sup>nd</sup> and Sunday August 29<sup>th</sup> for arrival-registration and for departure, respectively.

The summer school will take place at the Free University of Bolzano, in Brixen (Italy).

For updated information on how to attend and register, visit the YESS11 website: <https://yess11.events.unibz.it>



**ACCOMMODATION AND CONFERENCE FEES**

An all-inclusive 7 days full-board accommodation (from the afternoon of the 22<sup>nd</sup> of August afternoon, to the morning of the 29<sup>th</sup> of August) is offered.

The conference fee will be around 450 euros. This fee will include accommodation with full board (all meals), as well as an excursion.

There will be a 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' final suggestions, the program 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 construct an appropriate research methodology? How to position theory in own research? 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.

## PARTICIPANTS' PAPERS

Accepted participants (see Application below) will be invited to present one from among 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 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

In all cases, references should be reduced to a maximum of 12 (less than one page). Papers should contain between 1000 and 1500 words (4 to 6 pages long). An abstract must be submitted by March 17<sup>th</sup>, 2021. Accepted participants must submit the full papers by June 30<sup>th</sup>, 2021. They will be distributed (according to thematic criteria) in different working groups and circulated before the Summer School.

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

## TOPICS

The proposed topics for the 2021 Summer School are:

1. TWG 1 - Teacher knowledge and practice; teacher education and professional development - Stefan Zehetmeier (Austria)
2. TWG 2: Teaching and learning mathematics at the primary and pre-school level - Marianna Tzekaki (Greece)
3. TWG 3: Teaching and learning mathematics at the secondary level, including the transition between elementary and secondary level - Michal Tabach (Israel)
4. TWG 4: Teaching and learning mathematics at the upper secondary and university levels - Carl Winslow (Denmark)
5. TWG 5: Information technologies in mathematics teaching and learning - Jana Trgalova (France)
6. TWG 6: Proof, proving, problem solving and modelling in mathematics education - Maria Alessandra Mariotti (Italy)
7. TWG 7: Theoretical perspectives, linguistic and representational aspects of teaching and learning mathematics - Angelika Bikner-Ahsbabs (Germany)

## APPLICATION

Applicants should send the application form including a 250-words abstract (about one page) describing the aims, theoretical framework, methodology and current status of their scientific work. They should also indicate preferences about topics (by selecting one "first choice", one "second choice" and one "third choice") in the application form, no later than March 17<sup>th</sup>, 2021. The application form is available on the YESS11 website and at the following link: <https://forms.gle/PcAq4LYqyqRyKbDS9>

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. Applications from non-European countries will also be considered.

Applicants will be informed on the 28<sup>th</sup> of April 2021 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 May 26<sup>th</sup>, 2021 at the latest.

## DEADLINES

1. **January 20<sup>th</sup>, 2021:** The First Announcement is sent to all former Summer school participants and to all other people at the ERME e-mail list (participants to former CERME conferences). In addition, this First Announcement is published on the [ERME website](#) and YERME social networks.
2. **March 17<sup>th</sup>, 2021:** Deadline for Application for ADMISSION to participate.
3. **April 28<sup>th</sup>, 2021:** 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, in a waiting list, or that their application is not accepted.
4. **May 26<sup>th</sup>, 2021:** Final registration and conference fee payment deadline for those accepted in the first round.
5. **May 31<sup>st</sup>, 2021:** Participants in the waiting list receive final notification regarding acceptance.
6. **June 15<sup>th</sup>, 2021:** Official acceptance letters are sent out to all accepted applicants who have paid the registration fees.
7. **June 30<sup>th</sup>, 2021:** Deadline for submitting full papers (by participants); immediate dissemination to participants and experts.
8. **July 1<sup>st</sup>, 2021:** Definitive reservation of rooms for participants.
9. **July 31<sup>st</sup>, 2021:** Experts' abstracts are made available.
10. **August 23-28, 2021:** YESS11 takes place.

## **COMMITTEES**

**Programme committee:** Angelika Bikner-Ahsbals (Germany), Giorgio Bolondi (Italy), Viviane Durand-Guerrier (France), Dorota Lembrér (Norway), Andrea Maffia (Italy), Jana Trgalova (France), Carl Winslow (Denmark).

The role of the scientific coordinator is assumed by Viviane Durand-Guerrier.

**Local organising committee:** Giorgio Bolondi (Italy, Chair), Camilla Spagnolo (Italy), and Federica Ferretti (Italy).