

**FIRST ANNOUNCEMENT  
NINTH YERME SUMMER SCHOOL (YESS-9)  
August 20-25, 2018, in Montpellier (FRANCE)**

<https://yess9.sciencesconf.org/>

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 Ninth YERME Summer School (YESS-9).

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 20th morning and finishes on August 25th evening, 2018 (five and a half days of work plus one intermediate half-day for excursion).

We have scheduled August 19th and 26th for arrival-registration and for departure, respectively.

The summer school takes place in the Triolet Campus of the University of Montpellier, and is organized by the DEMa Team of the Institut Montpellierain Alexander Grothendieck, CNRS, University of Montpellier.

For update information on how to attend and register, visit the conference website: <https://yess9.sciencesconf.org/>



**ACCOMMODATION AND CONFERENCE FEES**

An all-inclusive 7 days full-board accommodation (from August 19th, afternoon, to August 26th, morning) is offered. The conference fee will be between 350€ and 400€. This fee will include accommodation with breakfast, all meals and coffee/tea as well as a half-day 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 contribution and other contributions). Allocation will be decided according to the needs and the funds available. 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 72. 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 its participants' final suggestions, the program will include:

- **Six 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 (through internet) a summary of his/her talk, pointing out relevant issues to be discussed.
- **Ten two-hour sessions in six 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 the own research? How to construct an appropriate research methodology? How to position theory in the 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.
- **Two 90 minutes Discussion Group Sessions:** They will be devoted to topics of common interest – possibly including the above "leading questions".
- **Two 90 minutes Informal Discussion Group Sessions:** They will be devoted to issues that are relevant to individual YERME participants' needs, self-organized by YERME.

## PARTICIPANTS' PAPERS

Accepted participants 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 theoretical 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
  - (conceptual framework and research questions; method to answer the research questions)
- B) A presentation of research work in progress (research questions, theoretical 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)
  - conceptual framework and research questions;
  - method to answer the research questions: experimental design, etc.
  - eventually, 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 conceptual 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 1 000 and 1 500 words (4 to 6 pages long). They have to be submitted by 31 May 2018. They will be distributed (according to thematic criteria) in different working groups and circulated before the Summer School. A balance between the three categories A, B and C will be considered in the composition of the working groups. 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 2018 Summer School are:

1. Teacher knowledge and practice; teacher education and professional development.
2. Teaching and learning mathematics at primary level and transition with secondary level.
3. Teaching and learning mathematics at secondary and advanced levels.
4. Information technologies in mathematics teaching and learning.
5. Proof, proving, problem solving and modelling in mathematics education.
6. Theoretical perspectives, linguistic and representational aspects of teaching and learning mathematics.

The six working groups will be chaired by leading experts in mathematics education. In addition, the experts will give lectures (see the programme above).

## 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 his/her 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, not later than January 20th, 2018. The application form will be available from Monday October 10<sup>th</sup> on the website (<https://yess9.sciencesconf.org/>).

They will be informed on February 28th if they are invited to join the summer school or that they are included, at this stage, in the waiting list, or if their application is not accepted. Participants who are provisionally accepted have March 31st, 2018 as deadline for their final registration (including paying the conference fee).

## DEADLINES

1. **October 6th, 2017:** The First Announcement is sent to all former Summer school participants and to all other people at the ERME e-mail list (participants of former CERME conferences). In addition, the First Announcement is published at the ERME and YERME websites.
2. **January 20, 2018:** Deadline for Application for ADMISSION to participate.
3. **February 28, 2018:** The second announcement (with all WGs and discussion groups and their coordinators) will be distributed.
4. **March 31, 2018:** Conference fee deadline.
5. **April 12, 2018:** Participants in the waiting list will receive final announcements regarding acceptance.
6. **April 30, 2018:** Official acceptance letters are sent out to all accepted people who have paid the registration fees.
7. **May 10, 2018:** Definitive reservation of rooms for participants.
8. **May 31, 2018:** Deadline for full papers (by participants); immediate dissemination to participants and experts.
9. **June 30, 2018:** Deadline for experts' abstracts; immediate dissemination to participants.
10. **August 20-25, 2018: YESS-9 takes place.**

## COMMITTEES

**Programme committee:** Angelika Bikner-Ahsbals, Jason Cooper, Viviane Durand-Guerrier, Andrea Maffia, Tim Rowland, Konstantinos Tatsis.

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

**Local organising committee:** Simon Modeste (Chair), Viviane Durand-Guerrier (Vice-chair) and others.