

9th EUROPEAN SUMMER UNIVERSITY
ON THE HISTORY AND EPISTEMOLOGY IN MATHEMATICS EDUCATION

ESU-9

18-22 July 2022

University of Salerno – Department of Mathematics

Fisciano (SA), Italy

APPLICATION FORM

FOR PROPOSING AN ACTIVITY

WORKSHOP, ORAL PRESENTATION, SHORT ORAL COMMUNICATION, POSTER, EXHIBITION

To be submitted before 31 October 2021 to esu9.sa@gmail.com

Name & Surname:

Affiliation:

Institution (full address):

Country :

e-mail:

Proposal for (please, tick as appropriate):

- Workshop based on historical/epistemological material (2 hours)
- Workshop based on didactical/pedagogical material that integrates historical elements (1.5 hours)
- Oral presentation (30 min)
- Short Oral Communication (10 min)
- Poster presentation
- Exhibition of didactical material, relevant to the ESU-9 main themes

Language of presentation (please, tick as appropriate):

- English Italian French

Main Theme of the ESU-9: (please, tick as appropriate):

1. Theoretical and/or conceptual frameworks for integrating history and epistemology of mathematics in mathematics education
2. History and epistemology in students and teachers mathematics education: Curricula, courses, textbooks, and didactical material of all kinds - their design, implementation and evaluation
3. Original historical sources in teaching and learning of and about mathematics
4. Mathematics and its relation to science, technology, and the arts: Historical issues and socio-cultural aspects in relation to interdisciplinary teaching and learning
5. Topics in the history of mathematics education
6. History of mathematics in Italy

Title:

❖ For **Workshops**, it is expected that participants will be engaged into some kind of practical work by studying a specific subject and having a follow-up discussion under the coordination of the workshop organizer. To this end, the workshop organizer prepares, presents and distributes relevant material, which motivates and orients the exchange of ideas and the discussion among the participants. Participants read, work and discuss on the basis of this material under the workshop organizer's coordination. Therefore, provide (in English or French) an **Abstract** of the proposed **Workshop** of no more than 500 words (one A4 page) with focus on:

- (i) Detailed reference to the material to be used and/or is necessary for the proposed workshop; namely,
 - For workshops based on historical/epistemological material: Historical and/or epistemological texts (excerpts from original sources, texts with an epistemological analysis of historical developments etc).
 - For workshops based on didactical/pedagogical material that integrates historical elements: texts for the use in the classroom and/or for teachers' information and education, worksheets for students, outline of didactical activities etc.
- (ii) The age and level of education of students to whom the workshop refers, including teachers' pre- and in-service education.
- (iii) Description of how this material will be used in the workshop, the way participants will be guided to interact with this material, whether there will be group work during the workshop and/or plenary discussion on the given material etc.

It will be possible for workshop organizers to have this material posted on the ESU-8 website beforehand, for registered participants to consult and study in advance.

❖ For **Oral Presentation, Short Oral Communication, Poster**, or **Exhibition**, provide (in English, or French) an **Abstract** of your proposal of no more than 500 words (one A4 page):

Each *oral presentation* includes 25 minutes of presentation and 5 minutes of discussion. Each *short oral communication* includes 5 minutes of presentation (aiming at communicating some specific results, usually concerning work in progress) and 5 minutes of discussion. Both are activities in the spirit of a conventional research conference.

ABSTRACT