

Working Group 15:

The Role of History of Mathematics in Mathematics Education: Theory and Research

Call for Papers

The organisers of CERME Working Group 15 invite papers dealing with theory and research on the integration and use of history of mathematics in mathematics education.

The integration of history of mathematics in mathematics education has received increasing attention during the last decades. This attention is reflected by the many publications both in journals and books and the activities at international conferences and meetings. However, the role of research within this area is just starting to emerge. The purpose of this CERME Working Group is to provide a forum primarily dedicated to theory and research on the role of history in mathematics education.

We will be particularly interested in theoretical and empirical studies (including work-in-progress) that address one or more of the following themes:

- Theoretical and/or conceptual frameworks for including history in mathematics education.
- The role of history of mathematics at primary and secondary level, both from the cognitive and affective points of view.
- The role of history of mathematics in pre- and in-service teacher education, both from the cognitive, pedagogical, and affective points of view.
- Possible parallelism between the historical development and the cognitive development of mathematical ideas.
- Ways of integrating original sources in classrooms, and their educational effects, preferably with conclusions based on classroom experiments.
- Surveys on the existing uses of history in curriculum, textbooks, and/or classrooms in primary, secondary, and university levels.
- Design and/or assessment of teaching/learning materials on the history of mathematics.

Other papers of relevance to the overall focus of the group will also be considered.

Please remember that the deadline for submitting papers as indicated in the timeline below. Papers must be sent electronically and will be reviewed among the participants of the group.

Contact and questions

If you have further questions, please contact any of the organizers of the group:

Fulvia Furinghetti furinghetti@dim.unige.it

Jean-Luc Dorier Jean-Luc.Dorier@pse.unige.ch

Uffe Thomas Jankvist utj@ruc.dk

Costantinos Tzanakis tzanakis@edc.uoc.gr

Jan van Maanen maanen@fi.uu.nl

Timeline

July, 15 Call for contribution, Pre-registration form available on-line

September, 30: Deadline for: Pre-registration, Paper and poster submissions

October, 4: Deadline for poster submissions, Request for financial support

November, 10: Return paper review forms to group leaders.

November, 20: Classification of proposals into papers, posters and authors' notification of acceptance/rejection; and financial support sent.

November, 25: Deadline for early registration (reduced registration fee)

December, 15: Deadline for submitting the revised version of the proposals.

December, 20: Papers for presentation at the congress should be placed on the congress website

January, 8: deadline for late registration (increased registration fee).

January, 27-28: YERME day

January 28 - February 1: Congress