

## **CERME7: Working Group 12**

### **History in mathematics education**

#### **Leaders**

Uffe Thomas Jankvist (Denmark) [utj@imada.sdu.dk](mailto:utj@imada.sdu.dk)

Snezana Lawrence (UK), Jan van Maanen (The Netherlands), Constantinos Tzanakis (Greece).

#### **Scope and Focus of WG12**

The integration of history of mathematics in mathematics education has received increasing attention recently. This attention is reflected by the many publications both in journals and books and the increasing activities at international conferences and meetings. However, empirical research and coherent theoretical/conceptual frameworks within this area have been emerging relatively recently. The purpose of this CERME WG is to provide a forum to approach mathematics education in historical context, dedicated *primarily* to theory and research on all aspects of the role, effect and efficacy of history in mathematics education.

#### **Call for papers and poster proposals**

WG12 in particular welcomes empirical and theoretical research papers, but to some degree also methodological and developmental papers, (10 pages max) and poster proposals (2 pages) related to one or more of the following issues – although any paper/poster of relevance to the overall focus of the group will be taken into consideration:

1. Theoretical, conceptual and/or methodological frameworks for including history in mathematics education;
2. Relationships between (frameworks for and empirical studies on) history in mathematics education and theories and frameworks in other parts of mathematics education;
3. The role of history of mathematics at primary, secondary, and tertiary level, both from the cognitive and affective points of view;
4. The role of history of mathematics in pre- and in-service teacher education, from cognitive, pedagogical, and/or affective points of view;
5. Possible parallelism between the historical development and the cognitive development of mathematical ideas;
6. Ways of integrating original sources in classrooms, and their educational effects, preferably with conclusions based on classroom experiments;
7. Surveys on the existing uses of history in curricula, textbooks, and/or classrooms in primary, secondary, and tertiary levels;
8. Design and/or assessment of teaching/learning materials on the history of mathematics;
9. Relevance of the history of mathematical practices in the research of mathematics education.

Papers and poster proposals should use the CERME7 WORD template, and conform to the guidelines at [www.cerme7.univ.rzeszow.pl/?id=cerme-guidelines-for-authors](http://www.cerme7.univ.rzeszow.pl/?id=cerme-guidelines-for-authors). To submit it, you must email your paper as a WORD document to Uffe Th. Jankvist at [utj@imada.sdu.dk](mailto:utj@imada.sdu.dk), AND at the same time to the conference secretariat at [s.cerme7@univ.rzeszow.pl](mailto:s.cerme7@univ.rzeszow.pl)  
If possible please also send a pdf version *in addition* to the WORD document.

#### **Reviews and Decisions**

Each paper will be peer-reviewed by at least two persons from among those who submit papers to this Working Group and the leaders. Please expect to be asked to review up to three papers yourself between 15<sup>th</sup> September and 22<sup>nd</sup> October 2010. It may be necessary for you to revise your paper before final acceptance. Please reserve some time to do this in the second half of November. The group leaders will decide about the acceptance of posters.

#### **Important dates**

- 15<sup>th</sup> September 2010: Deadline for submission of papers.  
1st October 2010: Deadline for submission of poster proposals  
22<sup>nd</sup> October 2010: Deadline for reviewers to submit their reviews.  
1st December 2010: Deadline for revisions to papers.