

CERME8: Working Group 10

Social, cultural and political challenges for mathematics education

Leaders

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Scope and Focus of WG10

The group is interested in discussing mathematics education within the realms of culture, society and the political. It is assumed that, on the one hand, mathematics education refers to more than the encounter between an individual and a mathematical object. The process of teaching and learning mathematics occurs within a culture that both influences and is influenced by the workings of mathematics education. This way, the group is interested in understanding learning and teaching mathematics in culturally diverse schools, classrooms and other educational settings, by analysing the variety of sites where mathematics education takes place and the differences in the organization and structure of practice in such contexts. On the other hand, it is assumed that research is not an innocent activity producing a diagnosis of the state of mathematics education practices or proposing solutions to the problems of practice. Rather, it is an active participant in shaping, discursively, the possibilities of seeing and inventing practice. It is the focus of the group also to cover research and its discourses, and the way in which such discourses contribute to the formation of particular subjectivities and ideologies in and through mathematics education. As a way to address both the teaching and learning of mathematics and the research done on this issue, the group privileges theories and methodologies that explicitly connect what is usually called the micro level—people interacting with mathematics—with the macro level—culture, society and the political. Inter-disciplinary perspectives including fields such as socio-cultural and discursive psychology, cultural studies, history, anthropology, linguistics, sociology, discourse studies, political sciences, psychoanalysis and philosophy are among the most prolific ones to attain such a goal.

Call for papers and poster proposals

The papers and posters submitted to the group should address social, cultural or political aspects of mathematics education and its research. These could be theoretical, methodological, empirical or developmental papers providing that didactical approaches are explicitly located within a social, cultural, or political frame of reference. Contemporary theory and innovative methodologies such as discourse analysis, ethnographies or ideology critique are especially appreciated.

Papers should use the CERME template, and conform to the guidelines at <http://www.cerme8.metu.edu.tr>. To submit it, you must email your paper as a WORD document to Alexandre Pais at xande@learning.aau.dk AND at the same time to the conference secretariat at accerme8@metu.edu.tr. If possible please also send a pdf version *in addition* to the WORD document.

Reviews and Decisions

Each paper will be peer-reviewed by three persons from among those who submit papers to this Working Group. Please expect to be asked to review up to three papers yourself between 15th September and 22nd October 2012. 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

15th September 2012: Deadline for submission of papers.

1st October 2012: Deadline for submission of poster proposals

22nd October 2012: Deadline for reviewers to submit their reviews.

1st December 2012: Deadline for revisions to papers