

CERME 9: Thematic Working Group 19

Mathematics teaching practices and resources for teaching

Leaders

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Scope and focus of the Thematic Working Group

The notion of mathematics teaching practices is comprehensive and extends much beyond teachers' classroom behavior. It encompasses all the teacher's actions and meaning-making as they relate to instruction, including task selection and design, classroom communication, assessment, etc. as well as the interplay between goals and actions as classroom interactions unfold in the context of the broader institutional, educational, and social settings. Carrying out these actions, teachers capitalize on personal resources, often described in terms of their knowledge, beliefs, and identity, as well as on physical artifacts (e.g. textbooks, computer software, manipulatives) and other resources (e.g. opportunities for professional development) made available (or not) by the institutional setting. The focus of this group is to unpack the work of mathematics teaching by addressing its complexity and to increase our understanding about what contributes to instructional quality.

Call for papers and poster proposals

In Working Group 19 we welcome theoretical, methodological, empirical, or developmental papers (10 pages maximum) and posters (2 pages) concerned with (aspects of) the theme outlined above. In particular, we welcome papers and posters related to issues such as the following:

- Teachers' knowledge, beliefs, and identity, and their relation to (aspects of) teaching and classroom practices;
- The role of physical resources (curriculum materials, manipulatives, etc.) and other institutional resources in teaching and classroom practices;
- The mutual relationship between personal resources on the one hand physical and institutional/instructional ones on the other;
- Theoretical perspectives and methodological tools for studying and understanding mathematics teaching and its interplay with teachers' personal resources (e.g., knowledge and beliefs), the available instructional resources, and/or the institutional setting.

Papers and poster proposals should use the CERME word template, and conform to the guidelines at <http://www.cerme9.org/guidelines/guidelines-for-authors/>. To submit it, you need to email your paper as a WORD document to **Despina Potari** at dpotari@math.uoa.gr, AND at the same time to the conference secretariat at **submission@cerme9.org**. If possible please also send a pdf version in addition to the WORD document.

Reviews and decisions

Each paper will be peer-reviewed by two persons from among those who submit papers to this Thematic Working Group. Please expect to be asked to review up to three papers yourself. It may be necessary for you to revise your paper before final acceptance. The group leaders will decide about the acceptance of posters.

Important dates

September 15, 2014: Deadline for submission of papers

October 1, 2014: Deadline for submission of poster proposals

November 25, 2014: Deadline for reviewers to submit their reviews

December 5, 2014: Decisions about paper or poster acceptance

December 20, 2014: Reduced fee registration deadline

January 10, 2015: Deadline for revisions of papers

January 20, 2015: Papers for presentation at the congress available on the CERME website