

CERME 14: Thematic Working Group 19 Mathematics Teaching and Teacher Practice(s)

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Scope and focus of the Working Group

TWG19 is an opportunity to work together on the study of mathematics teaching and teacher practice(s), which some of us see as synonymous and others do not. We welcome diverse research programmes as we consider the meaning of teaching, identify core problems, and explore methods. The topic encompasses teacher pedagogical doing and meaning-making, inside and outside of classrooms, including task selection and design, classroom communication, the interplay between goals and actions, and classroom interactions as they unfold in the context of broader institutional, educational, and social settings. To facilitate communication and collaboration, TWG19 has instituted three initiatives: being more explicit about what is meant by teaching, distinguishing four analytic domains for research studies, and using shared data. (See past TWG19 reports for more detail.) For your submission, please consider and directly comment on what you mean by teaching in your study and the relation of teaching to the purpose(s) of education. In addition, we use four domains to organize papers based on the primary focus of your study.

1. Consideration of **mathematics** and the central endeavour of extending the subject to students.
2. Organization and **enactment** of design, interaction, and discourse of teaching and learning.
3. Becoming acquainted with, relating to, and responding to **students** as people and learners.
4. Attending to broader social, cultural, and political **issues** that matter for teaching and learning, including imperatives of social justice.

If you would like to contribute to or use shared data, please contact the group leader.

Call for papers and poster proposals

We welcome contributions relevant to the scope and focus given above. Paper proposals must not exceed eight pages in length, and poster proposals must be two pages maximum.

Papers and poster proposals *must use the CERME template*, and conform to the guidelines at <https://www.cerme14.it/>. CERME 14 uses an electronic submission system <https://www.conftool.pro/cerme14/>. The authors submit the initial version of their paper on the website (uploading it both as a .doc and a .pdf file, and providing the required information, in particular the TWG number).

Reviews and decisions

Each paper will be peer-reviewed by two persons from among those who author papers to this TWG. *All co-authors* can be asked to review up to two papers. The group leaders will decide about the acceptance of posters.

Important dates

- See <https://www.cerme14.it/> for important dates