

CERME 12: 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) — to share progress, discuss ideas, and coordinate efforts. We welcome diverse research programmes as we consider the meaning of teaching, identify core problems, and explore methods. The topic extends beyond teachers' classroom behaviour. It encompasses teacher pedagogical actions and meaning-making, 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, we identify five domains of interrelated work — where any study of mathematics teaching would keep all five in mind, but might emphasize one, albeit in relation to others.

1. Consideration of **mathematics** and the central endeavour of extending the subject to students.
2. Organizing and enacting the design, **interactions**, 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.
5. Addressing all domains of teaching in a **comprehensive** way, with that as an explicit aim.

Call for papers and poster proposals

We welcome contributions relevant to the scope and focus given above. We also encourage authors to consider what they mean by teaching and to speak to this, at least briefly, in their proposals. In addition, every proposal should be linked to one of the five domains by including its bold words as the last keyword in the keyword list. This will be used to uniform the organization of our sessions.

We offer shared datasets for members to use as common data in their papers and posters. More information about the shared data initiative can be found at: <https://tinyurl.com/TWG19-shared>.

Papers and poster proposals should use the CERME template, and conform to the guidelines at www.cerme12.it CERME 12 uses an electronic submission system www.conftool.pro/cerme12 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 submit papers to this TWG. Please expect to be asked to review up to two papers. The group leaders will decide about the acceptance of posters.

Important dates

- **15th July 2021:** Deadline for [Early Bird Procedure](#)
- **15th September 2021:** Deadline for submission of papers and posters.
- **4th November 2021:** Preliminary decisions on papers.
- **12th November 2021:** Preliminary decisions on posters.
- **2nd - 6th February 2022:** CERME 12 takes place.
- See www.cerme12.it/deadlines/ for other important dates