

CERME 12: Thematic Working Group 20

Mathematics Teacher Knowledge, Beliefs and Identity

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Scope and focus of the Working Group

The focus of this working group are mathematic teachers' (both preservice and in-service) and teacher educators' knowledge, beliefs and identity which are notions that can be perceived in a multiplicity of ways. This working group allows participants to discuss research related to these notions, elaborate on different theoretical and methodological approaches to study them while allowing exchange of perspectives from diverse cultural contexts. The diverse and rigorous discussion in TWG 20 on these notions constitutes an essential aspect for improving teacher education. This TWG's work focuses on unpacking mathematics teachers' and teacher educators' practices, particularly on knowledge, beliefs and identity notions, and how these practices are related to instructional quality.

Call for papers and poster proposals

In TWG 20, we welcome theoretical, methodological, empirical, or developmental papers and posters within the scope of the teachers' knowledge, beliefs and identity. Proposals of relevance to the overall focus of the TWG will be considered and thus, we welcome papers and posters that address some of the following themes (but not limited to):

- Mathematics teachers' and educators' knowledge, beliefs, and identities;
- Contexts for accessing, assessing and/or promoting the development of mathematics teachers' and educator' knowledge (e.g., collaborative contexts; development of lesson studies, task design and implementation);
- Unpacking the work of mathematic teachers and educators; their practice-related thinking;
- The role of resources in and for teacher education; relationships between personal and physical and institutional/instructional resources;
- Theoretical perspectives and methodological tools for studying and understanding mathematics teaching and its interplay with teachers' personal resources (e.g., knowledge and beliefs).
- Influence of the pandemic situation on mathematics teacher education and research of mathematics teachers' knowledge, beliefs and identity.

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.
- **12^h November 2021:** Preliminary decisions on posters.
- **2nd - 6th February 2022:** CERME 12 takes place.
- See www.cerme12.it/deadlines/ for other important dates