

CERME 14: Thematic Working Group 09

Interaction, communication and language in mathematics education

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Scope and focus of the Working Group

TWG 09 is a forum for considering, examining and discussing current trends and directions in research and practice relating to interaction, communication and language in mathematics education. Our focus is the importance of and role of interaction, communication and language in mathematics education and mathematics education research. Interaction, communication and language provide a dynamic medium for (co-)constructing mathematical concepts and for enabling mathematical thinking to evolve in interaction with others in a variety of situations and educational contexts. TWG 09 is committed to revisiting and critically expanding questions, frames and methods that contribute to the understanding of what it means to explore issues around interaction, communication and language in mathematics education settings.

Call for papers and poster proposals

We welcome papers and posters presenting research on interaction, communication and language in mathematics education from diverse theoretical and analytical approaches, including both empirical studies and theoretical contributions. Possibilities and challenges involved in mathematics teaching and teacher education at all levels with an emphasis on language or interaction are also welcome. The scope of TWG 09 is broad and does overlap with the work in other working groups at CERME. All papers and posters where the primary focus is interaction, communication and/or language in mathematics education are welcome. These might include:

- Communication, interaction, and talk in the mathematics classroom
- Teaching and learning mathematics in multilingual diverse settings
- Mathematical language, registers, colloquial and technical languages and their relationships
- Multimodal communication and language use in mathematics learning and teaching
- Semiotic, socio-semiotic, cultural, anthropological, cognitive, epistemic and embodied perspectives in the study of interaction, communication and language in mathematics education
- Sociological and political perspectives on language and mathematics or language diversity
- Teacher education research with a focus on interaction, communication and language in mathematics teacher education (pre-service and professional development)

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.