

CERME 13: Thematic Working Group 09

Mathematics and Language

Leader: Jenni Ingram (UK), Jenni.Ingram@education.ox.ac.uk

Co-leaders: Kirstin Erath (Germany), Alexander Schüler-Meyer (Netherlands), Máire Ní Riordáin (Ireland), Ingólfur Gíslason (Iceland)

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 language, communication and interaction in mathematics. Our focus is the importance of language and the role of language and interaction in mathematics education and mathematics education research. Language and interaction provide a dynamic medium for (co-) constructing mathematical concepts, for communicating mathematically and for enabling mathematical thinking to evolve in interaction with others in a variety of situations. 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 language in mathematics education settings.

Call for papers and poster proposals

We welcome papers and posters presenting research on mathematics and language from diverse theoretical and analytical approaches, including empirical studies or theoretical contributions. Possibilities and challenges involved in mathematics teaching and teacher education with an emphasis on language or interaction are also welcome. The scope of TWG 09 is broad and any theme of relevance to the study of language or interaction in the field will be considered. Of particular interest are papers and posters that address one or more of the following themes:

- 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
- Everyday and classroom discourse in the generation of mathematical activity and meaning making
- Multimodal communication and language use in mathematics learning and teaching
- Semiotic, sociosemiotic, cultural, anthropological, cognitive, epistemic and embodied perspectives in the study of mathematics and language
- Sociological and political perspectives on language and mathematics or language diversity
- Language responsive teacher education (pre-service and professional development)

Papers and poster proposals should use the CERME template, and conform to the guidelines at <https://cerme13.renyi.hu/>. CERME 13 uses an electronic submission system <https://www.conftool.pro/cerme13/>. 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 yourself. The group leaders will decide about the acceptance of posters.

Important dates

- **15 February 2023:** Deadline for submission of papers and posters.
- **5 April 2023:** Preliminary decisions on papers and posters.
- **10-14 July 2023:** CERME 13 takes place.
- See <https://cerme13.renyi.hu/deadlines> for other important dates