

CERME13: Thematic Working Group 25

Inclusive Mathematics Education – Challenges for Students with Special Needs

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Scope and focus of the Working Group

Working Group 25 is a forum for presenting and discussing research and development in teaching and learning concerning inclusive mathematics education. The TWG will focus on inclusion as well as special needs and connect mathematics education research with inclusive and special education research. Although we mainly focus on inclusion and inclusive settings, research regarding teaching and learning mathematics in special needs classrooms and schools, is also welcome.

The scope of the TWG comprises both teaching and learning in relation to inclusion in mathematics for all grades – from preschool to tertiary education – in all types of inclusive settings in mathematics.

Call for papers and poster proposals

TWG25 invites submissions of substantial research-based proposals (theoretical, methodological, empirical or interventional) from a wide range of perspectives. We especially welcome contributions (papers or posters) related (but not strictly limited) to the following topics:

- Teachers' professionalization and teacher education programs, including concepts for pre- and in-service programs and courses,
- Working in multi-professional teams,
- Developing a substantial understanding of mathematics for students with special needs in inclusive settings,
- Approaches and materials for teaching and learning in inclusive mathematics education, including concepts and models for instruction,
- Challenges for meeting individual learners in inclusive classrooms,
- Linguistic, social and cultural heterogeneity in inclusive classrooms,
- Individual differences and characteristics influencing mathematical learning processes,
- Subject matter didactics and content related decisions for inclusive mathematics. including analyzing learning processes for specific mathematical topics,
- Analyzing mathematical interactions in inclusive settings,
- Analyzing possibilities and limitations of distance teaching for students with special needs.

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