

CERME 12: Thematic Working Group 07 ADULT MATHEMATICS EDUCATION

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Scope and focus of the Working Group

The domain of Adult Mathematics Education discusses the breadth and depth of challenges faced by adults learning mathematics in different contexts and their motivations to engage with those challenges. Many adults have had to deal with barriers to learning mathematics, whether cultural, political, emotional, educational, psychological, economic or social. The topics in this TWG address these challenges from diverse perspectives including mathematics for the reflective citizen (e.g., mathematical literacy), mathematics in and for work (e.g., technological literacies), mathematics and societal effects (e.g., critical mathematics, Programme for the International Assessment of Adult Competencies (PIAAC)), teaching and learning mathematics with adult learners (curriculum, pedagogies, didactics) and good practices in adult mathematics education in unique contexts (e.g., secure estate) as well as lifelong learning (e.g., intergenerational learning in the family, the community or with speakers of other languages). Therefore, this working group welcomes research papers on adults learning mathematics from various international and theoretical perspectives using a variety of methodological frameworks in diverse contexts.

Call for papers and poster proposals

- In TWG07 we welcome empirical, theoretical, methodological, and developmental papers and poster proposals addressing (but not necessarily limited to) the following themes: challenges adults are facing in learning mathematics, motivation of adult learners in the learning of mathematics; differences in the approach of adults learning mathematics to children learning mathematics; mathematics needed for the contemporary and future workforce; workplace mathematics; mathematics in vocational education; educational interfaces between work and mathematics; frameworks and assessments of adults' mathematics and numeracy levels (e.g., PIAAC, Common European Numeracy Framework (CENF)); the relationship between literacy, numeracy, technology, and citizenship to empower adults in modern times; policies to enhance societal numeracy levels; theoretical approaches and methodological frameworks which are especially well-suited for researching adult mathematics education; the relationship between specific literacies (financial, computational, data, statistical, technological, and mathematical).

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