

## CERME 14: Thematic Working Group 13

### Early Years Mathematics

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### Scope and focus of the Working Group

Early Years Mathematics (EYM) concerns the mathematics education of children since birth up to 8 years old, spanning pre-school and the early grades of primary school (although with a different transition age in different countries). Researching mathematics education during the early years is a complex endeavour and depends on several cultural and institutional constraints. In many European countries, children attend early-childhood education, yet the conception of schooling and mathematics in early years varies significantly across different countries. The findings of relevant research reveal young children's development of important mathematical meanings within appropriate mathematical learning experiences.

### Call for papers and poster proposals

We particularly welcome papers that report studies about:

- theoretical perspectives and methodologies in EYM;
- the role of signs and tools, such as natural language, gestures, body movement, drawings, manipulatives, and digital tools in EYM;
- play-based and game-based learning and their different manifestations in EYM;
- outdoor education, real-life practices, and informal learning in EYM;
- activity and task design for EYM;
- the transition between pre-primary and primary school in EYM;
- inclusive education in EYM;
- the role of pre-school and primary school teachers in EYM;
- the role of family and other caregivers in EYM;
- EYM teachers' professional development.

We welcome contributions from across the above spectrum that will deepen our understanding of issues regarding EYM. We expect authors to report rigorous studies about EYM, to refer to the context where the studies have been carried out and to relate to the relevant literature in the field of mathematics education.

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.