

## **CERME 14: Thematic Working Group 23 Implementation of Research Findings in Mathematics Education**

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### **Scope and focus of the Working Group**

During the past five decades, the field of mathematics education research has generated a multitude of products, such as theoretical frameworks, concepts, didactic designs, solid findings, etc. Although the research community has always been concerned with the theory-practice relationship, it remains an open and challenging problem how such products could be used and applied in practice. The TWG23 is a forum dedicated to presenting and discussing empirical and theoretical studies focused on elucidating the enablers and general conditions that favour or inhibit the implementation of research products generated in our field in practice. The group's main concern is: how can we bring the accumulated research knowledge into practice?

### **Call for papers and poster proposals**

The TWG23 welcomes papers and posters addressing the most recent discussions within this Working Group related to the following foci:

- Reflections on large-scale implementations and scale issues.
- Theoretical reflections on implementation.
- Implementation research on reformed teaching, teaching models, and approaches.

The TWG23 welcomes reports illustrating experiences of implementing research findings in practice—either small or large scale—where the object of the implementation and the implementation process are clearly identified. Likewise, the group welcomes theoretical papers addressing how we can define implementation research and the objects of implementation in mathematics education.

The TWG23 is also interested in receiving reports on replication studies with a focus on implementation research. For instance, studies on how particular treatments, interventions, or didactic designs work in different contexts and with different populations help identify the enablers, obstacles, and general conditions that favour or inhibit the implementation of research products in practice. Paper proposals must not exceed eight pages; poster proposals must be two pages maximum.

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