



## **TSG 43**

# **RESEARCH AND DEVELOPMENT IN TESTING (NATIONAL AND INTERNATIONAL) IN MATHEMATICS EDUCATION**

### **The Organizing Team**

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In the course of the TSG section, we would like to discuss national and international exams and tests, their common features and specialties, taking into account the national programs. Here are the issues that are planned to discuss:

### **Developing practices (Subtheme 1)**

- national practices in development of exams: objectives and implementation;
- national specialties: general cultural context, impact of national standards;
- features of cross-border testing procedures (internationalization of content, challenges in synchronization of curriculum, translation issues, etc);
- practice-oriented tasks in mathematical exams (intermediate, final);
- impact of PISA and TIMSS on the national exams and curriculums;
- experience of development and use of the open banks of mathematical tasks and learning materials.

### **Research (Subtheme 2)**

- multi-level exams: how the planned level of study affects the testing content;
- the social role of exams; its impact on learning motivation and short and long term success in life;
- public opinion on the role of mathematics in school and final exams.