



TSG 47

MATHEMATICS EDUCATION IN A MULTILINGUAL ENVIRONMENT

The Organizing Team

Chair: Eva Norén, Stockholm University, Sweden

Cochair: Anthony Essien, University of Witwatersrand, South Africa

Members:

Alexander Schueler-Meyer, Eindhoven University of Technology, Netherlands

Nancy Chitera, University of Malawi, Malawi

Mun Yee Lai, Australian Catholic University, Australia

A general introduction to the TSG:

Around the world, mathematics education is taking place in multilingual environments, including classroom situations. The environments can be affected by historical and ethnic diversity, and by colonialism, migration, refugee contexts and/or globalization. Research on issues in such environments are growing, and the ‘problematique’ arising is of wide relevance for teachers and students all over the world. The aim of TSG 47 is therefore to examine issues that arise in conducting research on mathematics education in multilingual environments. The following four themes will be addressed.

Subtheme 1 *Mathematics teaching strategies in multilingual classrooms*

Subtheme 2 *Theoretical foundations for the notion of resource in multilingual classrooms*

Subtheme 3 *Multilingual students’ agency in mathematics classrooms*

Subtheme 4 *Design based research in multilingual mathematics settings*