



S19. Mathematics at school: teachers, students, technology and assessment

Wednesday, July 2

16:00-18:00 *Mathematics teachers' professional development* (Chair: Angel Gutiérrez)

Presentation: Ornella Robutti and Angel Gutiérrez

- Ornella Robutti, Ferdinando Arzarello, Rossella Garuti
- Annalisa Cusi, Francesca Martignone, Cristina Sabena
- Gilles Aldon
- Berta Barquero, Marianna Bosch, Fco. Javier García, Josep Gascón

Thursday, July 3

11:00-12:30 *Panel: Theoretical approaches to mathematics education: Analysis of students' problem solving outcomes* (Chair: Angel Gutiérrez)

Presentation: Angel Gutiérrez

- Francesca Morselli
- Teresa Neto, Juan D. Godino
- Michiel Doorman

16:00-18:00 *Technologies for the learning of mathematics* (Chair: Ornella Robutti)

Presentation: Ornella Robutti

- Angel Gutiérrez, Adela Jaime
- Francesca Ferrara, Maria Flavia Mammana
- Elisabetta Robotti, Elisabetta Ferrando

Friday, July 4

11:00-13:30 *Panel: How far can standardized assessments have a formative impact on the teaching and learning of Mathematics? Teachers, students, schools facing national and international assessments* (Chair: Ornella Robutti)

Presentation: Ornella Robutti

- Giorgio Bolondi, Federica Ferretti, Laura Branchetti, Rossella Garuti
- Raquel Mallavibarrena
- Alberto Crescentini, Miriam Salvisberg, Silvia Sbaragli, Giovanna Zanolla

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