

**Program**

THURSDAY 5 DECEMBER	
9.00 - 9.30	<i>Registration</i>
9.30 - 9.45	<i>Welcome by the organizers</i>
9.45 - 10.45	Matthew Inglis <i>Functional explanation in mathematics</i>
10.45 - 11.00	<i>Coffee break</i>
11.00 - 11.45	Gabriel Tarziu <i>Can we have physical understanding of mathematical facts?</i>
11.45 - 12.30	Michele Lubrano <i>Difference-making and explanation in mathematics</i>
12.30 - 14.00	<i>Lunch</i>
14.00 - 14.45	Fabio Sterpetti <i>Mathematical explanations and the factivity of understanding</i>
14.45 - 15.30	Ellen Lehet <i>Mathematical explanation as a means to understanding</i>
15.30 - 15.45	<i>Coffee break</i>
15.45 - 16.30	Deniz Sarikaya, Bernhard Schröder, Berhardt Fisseni, Marcos Cramer <i>Frames as tool to model mathematical understanding</i>
16.30 - 17.15	Yacin Hamami <i>Understanding mathematical proofs: A planning approach</i>

FRIDAY 6 DECEMBER	
9.45 - 10.45	Victor Gijssbers <i>Causal and Mathematical Explanation</i>
10.45 - 11.00	<i>Coffee break</i>
11.00 - 11.45	Otávio Bueno & Melisa Vivanco <i>Models and modes of explanatory mathematical proofs</i>
11.45 - 12.30	Rachel Boddy <i>Fregean definitions</i>
12.30 - 14.00	<i>Lunch</i>
14.00 - 14.45	Mark Zelcer <i>Signaling games and pragmatics in mathematical understanding</i>
14.45 - 15.30	Hanna Szabelska <i>"Give Me the Ocular Proof": Geometric and algebraic visualisation in early modernity</i>
15.30 - 15.45	<i>Coffee break</i>
15.45 - 16.45	Catarina Dutilh Novaes <i>A dialogical conception of explanation in mathematical proofs</i>
16.45 - 17.00	<i>Closing words</i>