

IND @ CERME14

This year IND researchers are involved in as much as 12 papers or poster proposals accepted for the 14th Congress of the European Society for Research in Mathematics Education, the CERME conference.

Wednesday the 29th of January, 9-12 AM, Room: NBB 2.0.G.064/070

We wish to share our work with all of you!

Below you find our plan for the presentations, feel free to join as many as you like.

Each paper contribution will have 10 min. presentation followed by 5 min. questions and comments. Poster proposals will have 7 min. presentation followed by 3 min. comments.

Time	Title	Authors
Potential curriculum changes due to technological developments		
09.00-09.15	The role of computational technology in mathematics teaching	<i>Andreas Lindenskov Tamborg, Cecilie Carlsen, Bach, Camilla Finsterbach Kaup, Raimundo Elicer & Morten Misfeldt</i>
09.15-09.30	The role of transpositive analyses when discussing modelling in disruptive times	<i>Britta Eyrich Jessen</i>
09.3-09.45	Implementability of programming and computing education: Accomodative and assimilative approaches to turtle geometry	<i>Morten Misfeldt, Jack Jalal Kallo, Cecilie Carlsen Bach, Raimundo Elicer, Uffe Thomas Jankvist & Andreas Lindenskov Tamborg</i>
09.45-09.55	Computational literacy in mathematical problem solving	<i>Jack Jalal Kallo</i>
Generative AI and instrumental genesis		
10.00-10.15	Modelling gender bias in generative AI: From research to classrooms	<i>Peter Wied Stenkilde, Jack Jalal Kallo & Andreas Lindenskov Tamborg</i>
10.15-10.30	University students learning to model through large amount of data, simulations and ChatGPT	<i>Louise Meier Carlsen & Britta Eyrich Jessen</i>
10.30-10.45	Generative AI in mathematics Teaching: lessons from spreadsheets through the lens of double instrumental genesis	<i>Eirini Geraniou, Manolis Mavrikis, Uffe Thomas Jankvist, Morten Misfeldt</i>
10.45-10.55	Group instrumental genesis	<i>Liv Nøhr, Cecilie Carlsen Bach, Andreas Lindenskov Tamborg & Morten Misfeldt</i>
Teacher knowledge and the development of it		
11.00-11.15	Towards European measures for upper secondary teacher students' mathematical content	<i>Ottavio Giulio Rizzo & Carl Winsløw</i>

	knowledge	
11.15-11.30	Bi-institutional lesson study on algebra: what is it and what can lower secondary school teachers learn?	<i>Derya Diana Cosan</i>
11.30-11.45	Potential roles of facilitators' questioning during post-lesson reflection	Jacob Feldbak Bahn, Yukiko Asami-Johansson & Britta Eyrich Jessen
11.45-11.55	Critical speculative implementation discussion: Future scenarios on technology and mathematics in school	<i>Cecilie Carlsen Bach</i> , Jack Jalal Kallo, Daniel Spikol, Adrienne Lorelei Traxler, Mads Brink Müller & Morten Misfeldt