



## BSRLM Virtual New Researchers' Day, 3<sup>rd</sup> July 2020 Programme

Join at

<https://tinyurl.com/BSRLM-NRD-2020>

10:30 - 11:20	Welcome (Marie Joubert) Keynote (Geoff Wake): <b>Case studies: from theory to reality</b>		
	Room A	Room B	Room C
11:25 - 11:55	<i>Ahn, Aehee</i> Students' Understanding of a Mathematical Concept: A focus on Metaphors <b>Chair Helen Thouless</b>	<i>Majewska, Dominika</i> Mathematical definitions – what works and what doesn't? <b>Chair Jeremy Hodgen</b>	<i>Kingston, Mary</i> The use of task-based interviews to develop and refine a framework of growth points in the development of probabilistic thinking. <b>Chair Julie Alderton</b>
12:00 - 12:30	<i>Çaylan Ergene, Büşra*; Sevinç, Şerife; Ergene, Özkan</i> Pre-service Mathematics Teachers' Understanding of Geometric Concepts through Writing Jokes <b>Chair Helen Thouless C</b>	<i>Boli, Despoina</i> ; GCSE Mathematics resit students' narratives of their relationship with mathematics <b>Chair Jeremy Hodgen</b>	<i>Mills, Judi</i> A Study of the Experience of Able Mathematics Students in Post-Primary Schools in Ireland <b>Chair Julie Alderton</b>
12:35 - 13:05	<i>Barnecutt, Jessica</i> Theoretical lenses on teacher embrace of PBL <b>Chair Helen Thouless C</b>	<i>Makramalla, Mariam</i> The school, society and the teacher: Power dynamics and their influence on mathematical problem solving in the Egyptian classroom <b>Chair Jeremy Hodgen</b>	<i>Wenderlich, Maja</i> Crystallizing experiences in developing mathematical skills of the Polish winners of IMO international Olympiads. <b>Chair Julie Alderton</b>
13:05 - 13:45	Lunch		



	Room A	Room B	Room C
13:45 - 14:15	<i>Machino, Natheaniel</i> A teacher's mathematical and pedagogical knowledge in teaching multiplication of fractions <b>Chair Rachel Marks</b>	<i>Butler, Lee; Carey, Rachael; Donald, Andrew; Gunns, Jos; Walling, Lynne;</i> Teaching students to write (and read) mathematics <b>Chair Marc North</b>	<i>Njaru Mbogo, Harrison</i> Building Mathematical Resilience: A Case Study of Grade Three Children Experiencing Mathematics Anxiety in Kenya - <b>Chair Nancy Barclay</b>
14:20 - 14:50	<i>Townsend, Vivien</i> Why can't everyone teach like Claire? A theoretical approach to understanding teacher differences. <b>Chair Rachel Marks</b>	<i>Alarfaj, Maryam</i> Investigating a Potential Format Effect with Two-Column Proofs <b>Chair Marc North</b>	<i>Thomas, John</i> Using the Growth Zone Model to limit the effect of mathematics anxiety on highly academic secondary students - <b>Chair Nancy Barclay</b>
14:55 - 15:25	<i>Sahin, Nejla Tugcem;</i> An analysis of pre-service teachers' practices to teach mathematics in economically diverse settings: A Bourdieusian perspective <b>Chair Rachel Marks</b>	<i>Zöchbauer, Johanna*;</i> <i>Hohenwarter, Markus;</i> <i>Lavicza, Zsolt</i> Developing and evaluating GeoGebra Classroom in a mathematics lesson sequence with examples of exploring positions of straight lines <b>Chair Marc North</b>	<i>Haas, Ben / Lavicza, Zsolt;</i> Steam Education in elementary schools: A holistic investigation on technology enhanced teaching and learning - <b>Chair Nancy Barclay</b>
15:30 - 16:15	General room Keynote (Jennie Golding): <b>Is that OK?' Conundrums of developing as an ethical researcher</b> Close (Marie Joubert and Geoff Wake)		