

# BSRLM Spring 2023 Day Conference



British Society for  
Research into  
Learning Mathematics

**TIME**  
**10:00**  
**10:30**

**REGISTRATION**

**WELCOME**

**10:40-11:30**      **OPENING PLENARY: Kenneth Ruthven (BSRLM Honorary Awardee)**      *Teacher craft knowledge underpinning the integration of digital tools into school mathematics teaching*

Breakaway Sessions	Room 1 : W3.04	Room 2 : W3.05	Room 3 : W3.06	Room 4 : W2.05	Room 5 : W2.06	Room 6 : W2.07	Room 7 : W2.08	Room 8 : W3.07
	CHAIR: Rachel Marks	CHAIR: Rosalyn Hyde	CHAIR: Michael Rumbelow	CHAIR: Geoff Wake	CHAIR: Bobo Kai-Yin Chan	CHAIR: Pete Wright	CHAIR: Dave Hewitt	
<b>11:40 - 12:20</b>	[PRESENTATION] Griffiths, Rose <i>What can we learn from a hundred years of teaching fractions and decimals?</i>	[PRESENTATION] Jennie Golding <i>"The new normal": Emerging evidence for pandemic-related changes in opportunity to learn</i>	[PRESENTATION] Oakes, Dominic <i>Student Engagement with Instructional Videos</i>	[PRESENTATION] Küchemann, Dietmar <i>PGCE Mathematics students' written responses to some multiplicative reasoning items</i>	[PRESENTATION] Mahak, Sheeza <i>Mathematics ability in High-Functioning Autism: A systematic review and meta-analysis</i>	[PRESENTATION] Makramalla, Mariam and Emanuella, Tilley <i>Cultural Perceptions to the teaching of problem solving: A case study of a curricular transfer experience between UCL and NewGiza University</i>	[PRESENTATION] Weber, Christof <i>Conceptualising algorithmic thinking for mathematics education: what aspects do we need?</i>	
	Chair: Rose Griffiths	CHAIR: Karen Skilling	CHAIR: Mary Stevenson	CHAIR: Miracule Gavor	CHAIR: Irene Biza	CHAIR: Mariam Makramalla	CHAIR: Evi Papadaki	CHAIR: Marie Joubert
<b>12:30 - 13:10</b>	[PRESENTATION] Wright, Pete and Kelly, Joel <i>Primary school teachers tackling social justice issues whilst teaching mathematics: Findings from the Primary Maths &amp; Social Justice research project</i>	[PRESENTATION] Kerrison, Lois <i>Supports and barriers for teachers' use of real-life context to develop students' maths literacy</i>	[PRESENTATION] Helme, Rachel <i>In their own voice - Listening to the stories-as-identity-work of students having to retake their mathematics GCSE in a post-16 college</i>	[PRESENTATION] Awortwe, Peter <i>Preparing a new generation of beginning teachers to acquire appropriate knowledge for teaching geometric constructions using dynamic geometry software</i>	[PRESENTATION] Roulstone, Alison <i>Developmental Dyscalculia: Examining Performance in Curriculum-based Assessment</i>	[PRESENTATION] Koyuncu, Mehmet <i>Studies in Mathematics Education in an SSCI Indexed Journal: Suggestions for the UK based on the Turkey Example</i>	[PRESENTATION] Lord, Ems <i>What is the impact of bringing the natural world into the primary mathematics classroom?</i>	[PRESENTATION] Voutsina, Charis <i>Exploring changes in young children's conceptions of written numerals in the world around them</i>

**13:15 - 14:15**      **LUNCH**

Breakaway Sessions	Room 1 : W3.04	Room 2 : W3.05	Room 3 : W3.06	Room 4 : W2.05	Room 5 : W2.06	Room 6 : W2.07	Room 7 : W2.08	Room 8 : W3.07
	CHAIR: Dietmar Küchemann	CHAIR: Rosalyn Hyde	CHAIR: Jennifer Shearman	CHAIR: Cosette Crisan	CHAIR: Ian Jones	CHAIR: Ouhao Chen	CHAIR: Rachel Wallis	
<b>14:20 - 15:00</b>	[PRESENTATION] Rumbelow, Michael <i>Blocks as symbols: young children's storying of blocks in play as proto-algebraic symbolisation</i>	[PRESENTATION] Stevenson, Mary; Hopper, Alison; Richmond, Ruth; North, Marc; Thallon, William <i>"Oh! - is that how you do it!" Learning from cross-phase collaborative work in the Years 5-8 Continuity project</i>	[PRESENTATION] Wake, Geoff and Joubert, Marie <i>Teaching for Mastery in FE: the high-level narrative of the outcomes of a large-scale RCT</i>	[PRESENTATION] Machino, Natheaniel <i>Mentor's views on challenges faced - and lessons learnt - while mentoring mathematics student teachers in FE during the Covid-19 lockdowns</i>	[PRESENTATION] Woollacott, Bethany <i>Early Years practitioners' perspectives on effective communication of research</i>	[PRESENTATION] Proshkin, Volodymyr <i>School mathematics education in Ukraine: challenges and prospects</i>	[PRESENTATION] Huang, Liying and Fujita, Taro <i>Duo Virtual Reality and Tangible Artifacts in Geometry Education</i>	
	CHAIR: Laurie Jacques	CHAIR: Colin Foster	CHAIR: Jennifer Stacey	CHAIR: Dominic Oakes	CHAIR: Marc North	CHAIR: Lizzie Kimber	CHAIR: Miracule Gavor	
<b>15:10 - 15:50</b>	[PRESENTATION] Shearman, Jennifer <i>Mastering Number - First year findings</i>	[PRESENTATION] Jones, Ian <i>Not the same: Substitution and the equals sign</i>	[WORKING GROUP] Stacey, Jennifer <i>Further Education Working Group</i>	[PRESENTATION] Bissell, Alistair <i>Interrogating transcripts of videos of online professional development sessions for teachers of mathematics</i>	[PRESENTATION] Wildani, Junaidah <i>Supporting students' mathematical problem solving with scaffolding: the experience during the data collection</i>	[PRESENTATION] Papadaki, Evi <i>Reframing the opportunities to engage with advanced mathematics for teaching</i>	[PRESENTATION] Tiflis, Özdemir <i>Incorporating STEM Learning Scenarios in Mathematics Teaching: A Study on the Effectiveness of a Professional Development Program</i>	

**CONFERENCE END**