

**BSRLM Conference**  
**University of Brighton (Checkland Building, Falmer Campus)**  
**Saturday 12<sup>th</sup> November 2016**

**Morning Programme**

*RP = Research Paper, RW = Research Workshop, WG = Working Group*

	10:30-11:00	11:05-11:35	11:40-12:10	12:15-12:45
A402	<b>Borthwick* &amp; Harcourt-Heath</b> Calculation strategies for Year 5 Children: 10 years on [RP]  <i>Thouless</i>		<b>Küchemann* &amp; Hodgen</b> Understanding the array as a model of multiplication [RP]  <i>Coles</i>	<b>Coles</b> 'Concrete to Pictorial to Abstract' and other myths and rites of learning mathematics [RP]  <i>Küchemann</i>
A403	<b>Davies</b> Mathematics, motor skills, mindset and madness workshop [RW]  <i>Hainline</i>		<b>Bokhove* &amp; Redhead</b> Training mental rotation skills to improve spatial ability [RP]  <i>Geraniou</i>	<b>Sivadasan*, Thouless*, Mayorga* &amp; Gifford*</b> Understanding and overcoming number difficulties [RW]  <i>Davies</i>
A404	<b>Geraniou*, Bokhove* &amp; Mavrikis</b> Designing creative electronic books for mathematical creativity [RP]  <i>Stewart-Brown</i>		<b>Saunders*, Benton*, Hoyles* &amp; Noss*</b> Exploiting programming to explore mathematics: a snapshot of the potential and challenge [RW]  <i>Clark-Wilson</i>	
B406			<b>Pope* &amp; Rogers*</b> Exploring calculus through its history: reflections on some fundamental concepts [WG]  <i>n/a</i>	
B407	<b>Clark-Wilson* &amp; Wake</b> Building and sustaining active research collaborations with teachers of mathematics [WG]  <i>n/a</i>		<b>Stewart-Brown</b> Improving problem-solving skills in Mathematics [RP]  <i>Penfold</i>	<b>Hainline</b> Some teaching/learning insights that need to be researched [RW]  <i>Komatsu</i>

**12:45-13:00** Presentation of Honorary Award (Lecture Theatre C122)

**13:00-13:30** Annual General Meeting (Lecture Theatre C122) - *optional*

**13:00-14:00** Staggered Lunch (served at 13:00 and 13:30) (Floor 1 Foyer area – outside Lecture Theatre C122. Extra seating available in Room D222)

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**Afternoon Programme**

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	14:00-14:30	14:35-15:05	15:10-15:40	15:45-16:15
A402	<b>Gifford*, Griffiths &amp; Back*</b> Making Numbers: implications and further development [RW] <i>Borthwick</i>		<b>Manches</b> Digital manipulatives for early number learning: Numbuko [RW] <i>Gifford</i>	
A403			<b>Back</b> Developing a primary scheme of work based on free resources [RW] <i>Mayorga</i>	<b>Penfold</b> Primary teachers' responses to three key policy phases [RP] <i>Back</i>
A404	<b>Clark-Wilson* &amp; Hoyles*</b> Describing mathematics teaching practices involving pupil use of dynamic technologies: snapshots of effective practices [RW] <i>Jones</i>		<b>Akkoc</b> Prospective mathematics teachers' views on pedagogical affordances of Geogebra for understanding geometry theorems [RP] <i>Rogers</i>	<b>Komatsu* &amp; Jones*</b> Interpretation and production of diagrams when tackling proof problems in a dynamic geometry environment [RP] <i>Akkoc</i>
B406	<b>Ingram* &amp; Andrews*</b> Making choices when solving quadratic equations [RP] <i>Bokhove</i>	<b>Gulbagci-Dede* &amp; Akkoc*</b> Exploring prospective mathematics teachers' professional identities through Communities of Practice framework: post-Lesson reflection report technique [RP] <i>Ingram</i>		
B407	<b>Wright</b> Social justice in the mathematics classroom: adopting a participatory action research methodology [RW] <i>Mendick</i>		<b>Mendick</b> Mathematics and fictions of the post-2008 financial crisis [RP] <i>Wright</i>	

**16:15-16:45** Tea/coffee (Floor 1 Foyer area outside Lecture Theatre C122)