#BSRLM
Jun19
@BSRLM_maths

BSRLM Conference Programme
University of Birmingham, School of Education
Saturday 8th June 2019

Morning Programme
9:30 - 10:00 Registration

10:00 – 11:15 Janet Duffin Lecture and Award + Open Forum G33

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

<table>
<thead>
<tr>
<th>Time</th>
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<th>Authors</th>
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<tbody>
<tr>
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EDUC 423B

Wright
The Visible Maths Pedagogy Project: Challenging inequity through making teachers' pedagogical rationale more explicit to learners [RP]

Barclay, Harvey-Swanston & Marks
Examining Newly Qualified Teachers’ use of Textbooks to Support a Mastery Approach to Mathematics Teaching in Primary Schools [RP]

Harvey-Swanston
How can we improve 8-9 year olds’ fluency in mental multiplication? [RP]

EDUC 107

Jacques
Interpreting a primary Shanghai Showcase lesson through a ‘variation’ lens [RP]

Simsek, A
Integrating dynamic digital technology into the actual classroom: a multiple case study of secondary mathematics teachers teaching geometric similarity [RP]

EDUC 139

Saralar, Ainsworth & Wake
Improving middle school students’ understanding of geometrical shapes: An experimental study of the RETA model [RP]

Bokhove
The role of ‘opportunity to learn’ in the geometry curriculum: A multilevel comparison of six countries [RP]

Parish
Digital technology and secondary mathematics in England, have we moved on from the Cockroft vision of 1982? [RP]

EDUC 224

Sutherland
Using Research Problems Rather than Research Questions to Aid Working Across Disciplines [RW]

Kinnear, Bennett, Bolt & Zheng
Reliably classifying the skills assessed in school and university exams [RP]

Oakes, Joubert & Lyakhova
Exploring teachers’ use of time gained due to the use of a flipped classroom approach in mathematics [RP]
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<th>EDUC 422</th>
<th>Lord</th>
<th>Developing curiosity in the classroom: The case of the four triangles [RP]</th>
<th>Staples</th>
<th>Inservice teachers’ evaluations of students’ arguments: Results from a professional development project focused on mathematical argumentation [RP]</th>
<th>Wake</th>
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# BSRLM Conference Programme

**University of Birmingham, School of Education**  
**Saturday 8th June 2019**  
**Afternoon Programme**

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| 14:00-14:30     | Gifford & Marks  
Early Years and Primary Mathematics (EYPM) Working Group – 6th meeting [WG] | Brown & Wyllie  
Teacher questioning and teacher attention in a mathematics classroom [RW] | Makar  
Collaborative research with teachers over time to operationalise and adapt mathematical inquiry pedagogies [RP] |Wake & Morgan  
Didactics Working Group [WG] | Venkat & Askew  
Studying the possibilities for scaling up success: Working with district advisers [RP] | Rogers & Pope  
History of Mathematics Working Group : Tools and Processes for Using Historical Materials in the Classroom [WG] |
| 14:35-15:05     | Oakes, Birch & Lyakhova  
Researching a 3D Curriculum [RW] | Mayorga  
Understanding Student Teachers’ Knowledge of Fractions for Teaching [RW] | Gripton  
“The tricky table”: Young children’s lived experiences of ‘ability’ in mathematics [RW] | Homer & Mathieson  
Can Core maths solve the post-16 maths problem? [RP] | Davies, Jones & Alcock  
What makes a good proof summary? An interview study with mathematicians in a comparative judgment context. [RP] | Duckett  
The use of a bar model in developing children’s understanding of ratio and proportion in a primary school [RP] |
| 15:05-15:40     | Lyakhova & Neate  
Further Mathematics, students’ choices and transition to university for non-maths STEM degree students. [RP] | Capraro  
Bokhove  
Further Mathematics, students’ choices and transition to university for non-maths STEM degree students. [RP] |
| 15:45 – 16:15   | Rogers  
Further Mathematics, students’ choices and transition to university for non-maths STEM degree students. [RP] | Ramirez  
Sutherland  
Observing the historicity of a mathematics teacher [RP] | Francome, Hewitt & Jones  
Intrinsic interleaving via Practice-through-progress: results of an exploratory randomized controlled field trial [RP] | Homer  
Sutherland  
Observing the historicity of a mathematics teacher [RP] | Mujiasih  
Kinnear  
Mathematical Communication on Divergence Problems Solutions Viewed from the Geometric Analogy Reasoning Type of Student [RW] |