<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Speaker(s)</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-</td>
<td>Registration and refreshments hall</td>
<td>Palmer, Jackson</td>
<td>Exploring synergies between the teaching of mathematics and modern foreign languages</td>
</tr>
<tr>
<td>10:30-</td>
<td>F017</td>
<td>Smith, Thomas</td>
<td>Time and maturity in students’ accounts of choosing Further Mathematics</td>
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<tr>
<td>10:30-</td>
<td>F110</td>
<td>Freeman, Monaghan, Clark-Wilson</td>
<td>Does the Japanese abacus improve underachieving children’s performance in mathematics?</td>
</tr>
<tr>
<td>10:30-</td>
<td>F112</td>
<td>Palmas, Rojano &amp; Sutherland, Monaghan</td>
<td>Using ICT in the mathematics education of Mexican adults who haven’t completed basic education</td>
</tr>
<tr>
<td>10:30-</td>
<td>F211</td>
<td>Zerafa, Thouless</td>
<td>An intervention study with children having mathematics learning difficulties with and without comorbid reading difficulties</td>
</tr>
<tr>
<td>10:30-</td>
<td>F213</td>
<td>Griffiths, Back &amp; Gilford Yusuf, Bird, Forsythe</td>
<td>10 000 Hedgehogs: practical activities to explore numbers and number pattern</td>
</tr>
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<td>10:00-</td>
<td>Registration and refreshments hall</td>
<td>F017, F110, F112, F211, F213, F015</td>
<td>- F017, F110, F112, F211, F213, F015</td>
</tr>
</tbody>
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10:05-12:05  
**Primary School Teachers’ Beliefs about the Integration of Children’s Literature in Mathematics Teaching and Learning: Cross Validation by Systematic Triangulation**

**Trakulphadetkrai, Adams**

11:00-11:30  
**Working group: Alcock, Evans, Inglis, Hodgen, Monaghan, Noyes & Pope**

**Working in statistics in mathematics education research**

11:30-12:00  
**Borthwick & Harcourt-Heath**

**Calculating: How have Year 5 children’s strategies changed over time?**

12:00-13:00  
**Plenary: Rose Griffiths**

**Unravelling Mathematical Difficulties for Children in Foster Care hall**

13:00-14:15  
**F017**

**Harth**

**The use of tasks in the teaching of statistics at university**

**Working Group:**

**Clarke**

**Environmental Sustainability in Mathematics Education Working Group**

**Higden**

14:15-14:45  
**Alanazi**

**To what extent do gestures, facial expressions and intonation affect classroom interaction?**

**F110**

**Ismail**

14:45-15:15  
**Ormesher**

**We need to talk about mathematics: analysing conversations of PGCE primary mathematics specialists**

**F112**

**Alanazi**

**Mali, Biza & Jaworski**

**Lecturers’ use of graphical representations in university mathematics tutoring**

15:15-15:55  
**Buforn Lloret & Fernández**

**The role of prospective teachers’ mathematical knowledge to identify primary students’ understanding: the process of unitising**

**F211**

**Burroughs**

**Kennedy**

**Investigating secondary mathematics student teachers’ development of mathematical understanding**

**F213**

**Rempe-Gillen**

15:55-16:30  
**Livesey & Rempe-Gillen**

**Researching the development of pre-service primary school teachers**

**F017**

**Palmer**

**Juwe**

**A comparative study of mathematics education beliefs amongst mathematics curriculum leaders in English and Nigerian schools**

16:30-17:00  
**Tea hall**

**Working Group:**

**Kenny**

**Maximising the opportunities for our affiliation**

**Rempe-Gillen**

**Forsythe**

**Working group:**

**Coles**

**Mathematics Education and the Analysis of Language**

**Pratt, Griffiths & Saunders**

**The design and phase 1 implementation of the Citizen Maths MOOC: Powerful ideas in action for Level 2 adults**

**De Geest**

**Dowson**

**Bari**

**Povey**

**Noyes**

**Pope**

**Gifford**

**Griffiths**

**Dale**

**Staneff**

**Shen**

**Hodgen**

**Monaghan**

**Clarke**

**Wilson**

**Alcock, Evans, Inglis, Hodgen, Monaghan, Noyes & Pope**

**Butler**

**Clarke**

**Fernandez**

**Zerafa**

**Palmas**

**Rojano & Sutherland**

**Higden**

**Burroughs**

**De Geest**

**A Mathematical Minute:**

**An Informal Mathematics Education Project**

**Einstein**

**Forsythe**

**Forsythe**

**Forsythe**

**Forsythe**

**Forsythe**