



Workshop on Innovations in Mathematics Teaching

Cardiff School of Mathematics

7th to 8th of July 2014

Day 1

Session 1: 1020 - 1230

- 1020 - 1030: Welcome and Introduction (Paul Harper)
- 1030 - 1130: Flipping the University Mathematics Classroom: A Gateway to Lifelong Learning (Robert Talbert)
- 1130 - 1200: Using a Flipped Classroom in a Large Programming Course for Mathematicians (Vince Knight)

Lunch: 1230 - 1315

Session 2: 1230 - 1315

- 1315 - 1345: The flipped classroom in the Biosciences: Experiences, student views and future uses (Steve Rutherford)
- 1345 - 1415: Panel discussion on flipped classrooms
- 1415 - 1445: Moore Method and mathematical problem solving. (Chris Sangwin)

Session 3: 1500 - 1630

- 1500 - 1630: Inquiry-Based Education in Mathematics: Models, Methods, and Effectiveness for Higher Education. Part 1. (Theron Hitchman and Dana Ernst)

Dinner





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Day 2

Session 4: 0930 - 1300

- 0930 - 1300: Inquiry-Based Education in Mathematics: Models, Methods, and Effectiveness for Higher Education. Part 2 (Theron Hitchman and Dana Ernst)

Lunch: 1300 - 1345

Teaching Cafe: 1345 - 1345

- 13.45 - 15.15: Teaching Cafe: encouraging delegates to discuss how some of the methodologies presented could be used in their own classes.
- 15.15 : Closing remarks

