

# Conference Programme

## Induction Course for New Lecturers in the Mathematical Sciences 2019

Isaac Newton Institute for Mathematical Sciences, Cambridge  
18 – 19 September 2019

Wednesday 18 September 2019	
0945	Registration
1015	Welcome & introduction to the Isaac Newton Institute <i>David Abrahams</i>
1030	What makes a good mathematics lecture? <i>Joe Kyle</i>
1145	Making links between teaching and your research <i>Steve Otto</i>
1300	Lunch
1345	How to teach mathematical thinking <i>Kevin Houston</i>
1500	Making teaching in the mathematical sciences more interactive <i>Lara Alcock</i>
1615	Tea / Coffee
1645	Supporting undergraduate project work in the mathematical sciences <i>Michael Grove</i>
1800	Sharing challenges and experiences [Interactive Discussion]
1830	Check in to Accommodation
1930	Meet for travel to Dinner
2000	Dinner (Trinity College, Cambridge)

Thursday 19 September 2019	
0745	Breakfast
0900	Just what can we reasonably expect our incoming undergraduates to know? <i>Louise Walker</i>
0930	Designing in-course assessment and the use of technology in assessment <i>Martin Greenhow</i>
1045	Tea / Coffee
1115	Developing problem-solving skills in the mathematical sciences <i>Joe Kyle</i>
1230	Lunch
1315	Writing and preparing examinations <i>Michael Grove</i>
1430	Supporting students in the mathematical sciences <i>Louise Walker</i>
1530	Open Session: Responding to delegate feedback <sup>1</sup>
1600	Tea/Coffee and Close

The Higher Education Services Area Committee of the IMA has reviewed the content and specification of the 2019 Induction Course relative to the UK Professional Standards Framework (UKPSF) for Teaching and Supporting Learning in Higher Education. The IMA will provide all participants who complete the Induction Course in full with a certificate confirming they have completed 13.5 hours of learning activities and that demonstrates how these activities align with the dimensions of the UKPSF.

<sup>1</sup> A flexible session, developed as the Induction Course progresses to provide advice and guidance on areas in response to participant needs.