

Day 1 – Tuesday 10th September

09.00 – 10.00	Registration and Tea/Coffee				
10.00 – 10.25	Welcome and Housekeeping – David Bowers, University Campus Suffolk and Chair of the sigma Network (11) Conference Introduction – Ian Dunn, Pro-Vice-Chancellor (Student Empowerment), Coventry University				
10.25 – 11.25	Keynote Speaker I – Chris Sangwin, School of Mathematics, University of Birmingham – E Assessment – STACK Version 3 : One Year On – Room ECG-024 (14)				
11.30 – 12.30	Parallel Session I				
	EC1-02	ECG-24	EC1-03	EC1-01	
	Magician's rope and Rubik's cubes: innovative approaches to teaching pure maths – Clare Cornock and Erik Baxter (25)	Using Numbas for formative and summative assessment – James Denholm-Price (27)	A Critical Evaluation of the Implementation of the Numeracy Strategy in the Faculty of Health at Birmingham City University – David Maynard (39)	Lost in Transition? The Continued Relevance of Maths Support – David Bowers (20)	
	Fine-tuning the interplay between traditional and innovative teaching to enhance learning – Alessandro Narduzzo (43)	Experiences of adopting and developing an e-assessment system – Phil Walker (55)	A multifaceted approach to numeracy support for life sciences students – Chrystella Ferrier (29)	The Maths café at Brunel: year-long experience of effective maths support and assistance for students – Inna Namestnikova (42)	
12.30 – 13.30	Lunch, Posters and Exhibitions				
13.30 – 14.30	Keynote Speaker II – Jeff Griffiths, Professor of Operational Research, Cardiff University – Immigration Queues at Heathrow Airport: A Case Study in Mathematical Modelling – Room ECG-024 (12)				
14.35 – 15.35	Parallel Session II				
	EC1-02	ECG-24	EC1-03	EC1-01	EC1-29
	Design and delivery of a new graduate skills module – Peter Rowlett (51)	Sharing Assessment across Institutions and VLEs – Sue Milne, Mastaneh Davis, Jon Mason, Roger Greenhalgh and Sue Barnes (40)	Characterising the underlying dysfunctional attitudes and stances students in biology and medicine adopt when faced with calculations – Rosanne Quinnett, Rachel Thompson and Rebecca LeBard (48)	MyMathLab: Practice. Practice. Practice: Technology-enhanced learning and teaching from Pearson (41)	Individual sigma hub discussions Hub Co-ordinators; North West and North Wales – Sarra Saffron Powell North East and Yorkshire – Chetna Patel Midlands – Tony Croft South West and South Wales – Jane White East of England – David Bowers South East – Inna Namestnikova
	Enhancing employment outcomes of Mathematics graduates – Nadarajah Ramesh, Noel-Ann Bradshaw, Tony Mann and Kevin Parrott (49)	Using e-Assessment to assess and support learning for Engineers – Karen Henderson and D. Rhys Gwynllyw (33)	Biomaths Education Network: A virtual community to bring biology and maths together – Jenny Koenig and Dawn Hawkins (35)		
15.35 – 16.00	Tea/Coffee				
16.00 – 17.30	Parallel Session III				
	EC1-02	ECG-24	EC1-03	EC1-01	
	The Service Teaching Landscape in 2013 – Neil Challis and Mary McAlinden (22)	Maths e.g. – An Update – Martin Greenhow (32)	Mathematics in the digital age – using an online classroom to engage, enthuse and enlighten – Stephen Lee and Tom Button (36)	Teaching the Teachers – Statistics for Linguists – Chetna Patel, Elizabeth Boggis and Ellen Marshall (45)	
	Teaching and Learning Challenges in the delivery of Service Provision in the Mathematical Sciences – Neil Challis and Mary McAlinden (23)	An Investigation of the Attitudes of Instructors and Students to On-line Assessment in Mathematical Subjects – Niels Walet and Elizabeth Acosta-Gonzaga (54)	Measuring the Impact of an On-line Maths Support System – Michael Gallimore (31)	Supporting the statistical needs of social science students – Ant Edwards and Chris Mellor (28)	
E-Assessment – a discussion – Bill Foster (30)		mathcentre: Online open-access mathematics learning resources – Janette Matthews (38)			
17.45	Transport to Conference Hotel				
19.15	Drinks reception sponsored by Oxford University Press, publishers of 'Teaching Mathematics and its Applications', followed by conference dinner at 20.00				

Day 2 – Wednesday 11th September

08.45 – 09.15	Registration		
09.15 – 10.00	Keynote Speaker III – Michael Grove, Director – STEM Education Centre, University of Birmingham – The Legacy of the National HE STEM Programme – Room ECG-27 (13)		
10.00 – 10.25	Tea/Coffee		
10.25 – 11.55	Parallel Session IV		
	EC1-03	EC1-02	EC1-01
	Self-confidence: An Introduction to the Literature and Related Constructs – Sarah Parsons (44)	A study of evaluation methodologies and impact of STEM Outreach activities – Yamuna Bagiya and Farzana Aslam (19)	Investigation of international mathematical cultures – Aiping Xu (56)
	I can't do Maths': Scaffolding the learning experience to support a diverse range of students – Zainab Kazim Ali, Alison Megeney and Catherine Minett-Smith (34)	Experiences from a bespoke programme for year 1 foundation mathematics for students with vocational entry qualifications – Martin Reed and K A Jane White (50)	Self-Explanation Training in Undergraduate Mathematics – Mathew Inglis and Lara Alcock (18)
	Transition to higher level mathematics study for disabled students: anticipating and resolving barriers – Emma Cliffe (24)	Interactive Mind-Maps as a Tool for Learning and Teaching – Jennifer Hill (32)	
12.00 – 13.00	Keynote Session – Staff–Student Partnerships in Teaching and Learning, Hearing from the students themselves! – Daniel Organisciak (University of Birmingham), Elizabeth Low (Cardiff University), Jack Tabear (Loughborough University), Hayley Bishop and Sarah Jowlett (University of Newcastle) – Room ECG-27 (15)		
13.00 – 14.00	Lunch, Posters and Exhibitions		
14.00 – 15.30	Parallel Session V		
	EC1-03	EC1-02	EC1-01
	Enhancing student engagement in the classroom – Jeff Waldock and Ros Porter (53)	Efficacy of Peer Support for Second-Year Mathematicians – student and staff perspectives – Tony Croft and Jack Tabear (26)	Large Scale Student Evaluation of Mathematics Learning Support – Ciarán Mac an Bhaird, Olivia Fitzmaurice, Eabhnat Ní Fhloinn and Ciarán O'Sullivan (37)
Using social media to promote and facilitate deep learning in Mathematics for a diverse group of learners – Shazia Ahmed and Lorna Love (17)	Students supporting students: improving staff-student relationships – Sarah Jowlett (47)	The sigma Network – next steps – David Bowers (21)	
15.35 – 16.00	Closing Plenary – led by Joseph Kyle – Room ECG-27		
16.00	Close & Depart (Tea/Coffee available)		



For more details on each session please see the abstracts section of this booklet (page number in brackets)
Abstracts are listed alphabetically by lead author surname.