



University of Leeds 1st to 3rd September

PROGRAMME (as at 25th August)

All Presentations will take place in the Conference Auditorium. The Exhibition is in The Edge Sports and Exhibition Centre (see campus map).

Matt Parker, a well-known maths communicator from Queen Mary University of London and StandUpMaths, will be introducing the speakers and filling in any gaps in the proceedings.

Thursday Sept 1st

9:00 – 11:00 Registration in Conference Suite Reception Area with drinks and pastries in the Gallery.

Exhibition Hall (in Sports Centre) open to set up exhibits

11:00 – 11:15 Opening: Welcome from MathsWorldUK and the University of Leeds

11:15 - 11:35 Welcome from The National Museum of Mathematics in New York

‘New developments at MoMath’ Cindy Lawrence

11:35 - 12:35 Presentations:

‘Creative and Playful Maths’ Chris Budd

‘Building a MENACE machine’ Matthew Scroggs

‘The Use of GeoGebra to enhance hands-on exhibits’ Michael Borchers

12:35 - 13:30 Lunch + exhibition in Exhibition Hall

13:30 – 14:50 Presentations:

‘Technology and Creativity’ Philipp Legner

‘An Exhibition in a Suitcase’ Guido Ramellini et al

‘The Further Mathematics Support Programme’ Tom Button & Phil Chaffe

‘Adventures in Maths Public Engagement’ Katie Steckles

14:50 – 15:20 Break – coffee/tea available in Exhibition Hall

15:20 – 16:40 Presentations:

‘The Power of Mathematical Experiments’ Albrecht Beutelspacher

‘University Mathematics Outreach programmes’ Joe Watkins

‘Viruses, origami, and computer models’ Hamish Todd

‘Royal Institution Masterclasses’ Samantha Durbin

16:40 – 17:00 Break

17:00 – 18:15 Open lecture: ‘A World from a Sheet of Paper’ Tadashi Tokieda

18:15 – 19:30 Reception in the Exhibition Hallshort

Suggestions will be given about possible places to eat in Leeds

Friday Sept 2nd

9:00 – 10:40 Presentations:

‘Moving Maths’ Ben Sparks

‘Hilbert - an open source framework for interactive exhibits in maths museums’ Andreas Matt

‘The Maths of Outreach’ Rebecca Cotton-Barratt & Marelli Grady

‘THE GLOBAL MATH PROJECT: Uplifting mathematics for all’ James Tanton

Either **‘Domineering: a game of no chance’** John Dore (Auditorium 2)

Or **‘Mathematics Year 2020?’** John Bibby (Auditorium 1)

10:40 – 11:10 **Break – coffee/tea available in Exhibition Hall**

11:10 – 12:30 Presentations:

‘The Arizona Mathematics Road Show: A Mobile Outreach Program’ Bruce Bayly

‘Welcome to the Wild Side!’ Ems Lord

‘Engaging secondary students with eNRICHing problem’ Charlie Gilderdale

Either **‘Sequence Algebra in Calculus and Combinatorics, its Haskell implementation, and as a Mathematical play-thing’** Kieran Clenaghan (Auditorium 2)

Or **‘Behind the scenes at the NRICH Roadshow’** Becky Warren (Exhibition Hall)

12:30 – 13:30 **Lunch + exhibition in Exhibition Hall**

13:30 – 15:30 Presentations:

‘Mathematics and the public: Science Museum approaches to hands-on and history’ David Rooney; Toby Parkin (40 mins)

‘Storytelling in mathematics - fo(u)r example(s)’ Vanessa Krummeck

‘Reaching Uninspired Teenagers’ Rob Eastaway

‘Geometric cognitive metaphors – the coexistence of mathematics, philosophy and art’ Jacub Jernajczyk

Either **‘minimath – Early Mathematics Education in Austria since 1998’** Emil Simeonov (Auditorium 2)

Or **‘The Samaritani Formula’** Adam Atkinson (Auditorium1)

15:30 – 18:30 Optional conference visit – either leave on buses for a coach journey into the local countryside and a visit to a local country pub **OR** opportunity to visit the University Treasures Gallery and Art Gallery and take a short ‘Art’ of the University’s historic buildings.

18:30 – 19:45 Free time

19:45 for 20:00 **Conference dinner in University House, with after dinner talk by Colin Wright**

Saturday Sept 3rd

9:00 – 10:40 Presentations:

‘Showcasing Statistics’ Simon White & Laura Bonnett

‘Big Data Discussion’ Chris Budd

‘What the heck was the point?’ Simon Singh

‘Hands-on, Minds-on, Hearts-on Maths’ Noel Jackson

‘Towards creating an Exploratorium: the vision of MATHSWORLDDUK’ Margaret Brown & Geoff Wain

10:40 – 11:00 **Break – coffee/tea available in Exhibition Hall**

11:00 – 12:15 **Open lecture: ‘The Mathematics of Love’** Hannah Fry

12:15 **Close of conference**

12:15 – 13:45 **Free drinks in Exhibition Hall & opportunity for the public to visit the exhibition. (Delegates will be able to order a packed lunch.)**

14:00 onwards - time for exhibitors to dismantle exhibits

14:00 – 18:00 **Optional excursions available** More information about the optional excursions will be available at registration and on Friday lunchtime.
