

# Faculty of Mathematics Open Days 2017

SATURDAY 29 April 2017

## Formal programme of talks:

Time	Isaac Newton Institute	Time	Centre for Mathematical Sciences (CMS)		
	Lecture Room 1		MR2	MR3	MR9
	SESSION A			streaming from MR2, for parents	talk for parents
14:00	Welcome - Orsola Rath Spivack		SESSION B		
14:05	<b>The Mathematics of Micro-swimming: four legs good, two legs bad</b> - Kirsty Wan	14:15	Welcome - Orsola Rath Spivack	14:15	
14:30	<b>Dodgy data in the news: the uses and abuses of statistics in the age of 'alternative facts'</b> - David Spiegelhalter	14:20	<b>Black Holes</b> - John Barrow	14:20	<b>14:30-15:10 Mathematics at Cambridge</b>
14:55	<b>STEP</b> - Stephen Siklos	14:45	<b>Some Coding Theory</b> - Rachel Camina	14:45	
15:05	<b>CLOSE</b>	15:10	<b>STEP</b> - Stephen Siklos	15:10	
	<i>Break</i>	15:20	<b>CLOSE</b>	15:20	
	SESSION C		<i>Break</i>		<i>Break</i>
15:30	Welcome - Orsola Rath Spivack		SESSION D	15:45	
15:35	<b>Black Holes</b> - John Barrow	15:45	Welcome - Orsola Rath Spivack	15:50	<b>15:50-16:30 Mathematics at Cambridge</b>
16:00	<b>Some Coding Theory</b> - Rachel Camina	15:50	<b>The Mathematics of Micro-swimming: four legs good, two legs bad</b> - Kirsty Wan	16:15	
16:25	<b>STEP</b> - Stephen Siklos	16:15	<b>Dodgy data in the news: the uses and abuses of statistics in the age of 'alternative facts'</b> - David Spiegelhalter	16:40	
16:35	<b>CLOSE</b>	16:40	<b>STEP</b> - Stephen Siklos	16:50	
		16:50	<b>CLOSE</b>		

## Informal programme:

The Centre for Mathematical Sciences will be open to visitors from 14:00 until 17:30.

You will be able to join any of:

- **Q&A session with students only** - ask our current students all you want know about studying maths at Cambridge, out of earshot of parents and staff!
- **What are interviews like?** - a practical session exploring some interview-type questions
- **'Drop-in' sessions** - staff and students will be available to answer your questions about admissions, STEP, the course, careers.
- **Guided tours of the CMS** (times will be displayed on the day).
- **A mathematical puzzle hunt** - a fun tour of mathematical riddles, for teams of two or more.

Also available throughout:

- Free tea and biscuits
- Displays by student mathematical societies: the Archimedean and the Emmy Noether Society
- A stand by the Millennium Mathematics Project (MMP):  
NRICH is part of the MMP and one of its initiatives is the STEP Prep site [rich.maths.org/step](http://rich.maths.org/step)
- Videos about Mathematics at Cambridge
- Free WiFi