

Faculty of Mathematics Open Days 2017

SATURDAY 6 MAY 2017

Formal programme of talks:

Time	Isaac Newton Institute	Time	Centre for Mathematical Sciences (CMS)		
	Lecture Room 1		MR2	MR3 streaming from MR2, for parents	MR9 talk for parents
	SESSION A		SESSION B		
14:00	Welcome - Orsola Rath Spivack				
14:05	Farey addition: when bad arithmetic happens to good people - Holly Krieger	14:15	Welcome - Orsola Rath Spivack	14:15	
14:30	Mathematics of Curved Spaces - Maciej Dunajski	14:20	Black Holes - John Barrow	14:20	14:30-15:10 Mathematics at Cambridge
14:55	STEP - Stephen Siklos	14:45	Remainders of Security: from modular arithmetic to cryptography - Julia Goedecke	14:45	
15:05	CLOSE	15:10	STEP - Stephen Siklos	15:10	
	<i>Break</i>	15:20	CLOSE	15:20	
	SESSION C		<i>Break</i>		
15:30	Welcome - Orsola Rath Spivack		SESSION D		
15:35	Black Holes - John Barrow	15:45	Welcome - Orsola Rath Spivack	15:50	15:50-16:30 Mathematics at Cambridge
16:00	Remainders of Security: from modular arithmetic to cryptography - Julia Goedecke	15:50	Farey addition: when bad arithmetic happens to good people - Holly Krieger	16:15	
16:25	STEP - Stephen Siklos	16:15	Mathematics of Curved Spaces - Maciej Dunajski	16:40	
16:35	CLOSE	16:40	STEP - Stephen Siklos	16:50	
		16:50	CLOSE		

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
- Videos about Mathematics at Cambridge
- Free WiFi