

IMA 16+ Lectures

UCL, 28 June 2018

The IMA is proud to present a day of mathematics for pupils aged 16+. It is a FREE event taking place on Thursday, June 28th, 10:00 – 15:30, at University College London, Christopher Ingold Building.

The programme includes:

Dr. Hannah Fry (Guest speaker)

Hannah is a senior lecturer at UCL. She researches the patterns in human behaviour, particularly in an urban setting. She is a regular presenter at the BBC and has a long running BBC Radio 4 show The Curious Cases of Rutherford and Fry. Hannah has also written books and her YouTube videos have clocked up millions of views.

Prof. Helen Wilson (Keynote)

Helen is the Deputy Head of the Department of Mathematics at UCL, former president of the British Society of Rheology, and she was a member of the panel that created the new A-Level Mathematics. Her talk is entitled 'Toothpaste, chocolate and custard: maths gets messy.'

Naomi Ball

Naomi has made a career using mathematics to help organisations to make better decisions. After seven years of interesting aviation problems at British Airways, she joined the Civil Service at HMRC where she builds models to help the tax revenue system. She will talk about how maths and creative problem solving go hand-in-hand to solve real-life problems.

Dr. Melissa Rodd

Melissa is a senior lecturer in mathematics education at the UCL Institute of Education. She is also an associate of Oxfordshire Visual Arts Development Agency (OVADA), and during her recent residency at OVADA produced some drawings and paintings inspired by the work of Fields medallist Maryam Mirzakhani (1977-2017). We put together an exhibition of Melissa's artwork and she will be talking about Mirzakhani's work.

Hasnaa Shaddad

Hasnaa is a PhD student in the Department of Mechanical Engineering at UCL. She studies the behaviour of bubbles to tackle problems from torpedo design, to cancer and Alzheimer's treatment. In her talk, Hasnaa will explore the mathematics of bubbles and show how engineers use equations to solve real world problems, to improve and save lives.

To book your place(s), complete your details at: <https://tinyurl.com/IMA16plus2018>

Travel information: <https://www.ucl.ac.uk/maps/christopher-ingold-auditorium>

Please note that lunch is NOT provided so please bring your own.

If you have any queries, please contact conferences@ima.org.uk