

DEC  
9  
2019

## Maths in Action

Give your KS5 students the opportunity to meet our crack team of mathematicians, engineers, statisticians, architects, code-breakers, data scientists and more for the ultimate educational experience. Maths in Action features five lively and enriching sessions exploring a variety of topics carefully designed to extend students' knowledge. A session on examination success will equip students with the tools to succeed, and each student will receive our handy revision guide.

- Fermat's last theorem
- Practical session
- The hidden maths of technology
- Fighting disease with Mathematics
- How To Make The World Add Up



Emmanuel Centre, London  
9 – 23 Marsham Street  
London, SW1P 3DW



£23 + VAT\*

Plus one COMPLIMENTARY staff ticket per 10 students. \*VAT may be reclaimable please check with your finance department

ttp is the leading provider of inspirational, informative, Education in Action study days for A-level, IB, BTEC and GCSE students.

Award-winning, world-class speakers

Cutting-edge content

Thought-provoking demos and presentations

Examination hints, tips and guidance

Modestly priced to offer access to all

Complimentary staff ticket for every 10 students booked

**Bookings can be amended up to 28 days before the event day**



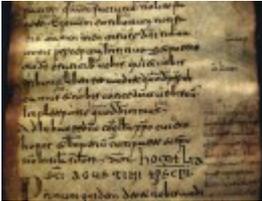
Education  
in ACTION

DEC  
9  
2019

# Maths in ACTION

Emmanuel Centre, London

## Fermat's last theorem / [Simon Singh](#)



Simon discusses the origin of the problem, describes the heroes and villains who tried and failed to prove Fermat's Last theorem and tells the story of Professor Andrew Wiles, who conquered Fermat's challenge after working in secret for seven years.

Simon is an author and broadcaster. His books include Fermat's Last Theorem, The Code Book, The Big Bang, Trick or Treatment and most recently The Simpsons and Their Mathematical Secrets.



## Fighting disease with Mathematics / [Sara Jabbari](#)



Discover how differential equations are used to understand antibiotic resistance, track the dynamics of bacterial infections and even develop new drugs to tackle disease.

Sara is a mathematician specialising in the modelling of networks of genes that respond to the inter-, intra- and extra-cellular signals that dictate cell behaviour.



## Practical session / [Ed Southall](#)



Ed will run a new session jam-packed with puzzles, demonstrations and mathematical conundrums. You will need a pen and paper for Ed's presentation.

Ed has taught in Education for 12 years in a variety of roles. He has written several books on geometry puzzles as well as teaching and understanding maths.



## How To Make The World Add Up / [Tim Harford OBE](#)

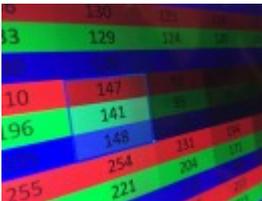


Join Tim to discover the way statistics can be used to mislead us but also to illuminate the world.

Tim Harford is the author of "The Undercover Economist", a senior columnist at the Financial Times, and the presenter of Radio 4's "More or Less".



## The hidden maths of technology / [Zoe Griffiths](#)



There are numbers all around us that make our modern lives possible. From rescuing your lost words in messages, to taking selfies, maths is always there making things work. This session will show students the mathematics behind modern technology and

Zoe travels the UK and internationally giving mathematics talks and workshops in schools, at science festivals, teacher conferences and at comedy nights. Zoe has given talks at the Cheltenham Science



## The Training Partnership

Gilmoora House | 57-61 Mortimer Street | London W1W 8HS  
020 3008 6441 | [office@thetrainingpartnership.org.uk](mailto:office@thetrainingpartnership.org.uk)  
[www.thetrainingpartnership.org.uk](http://www.thetrainingpartnership.org.uk)