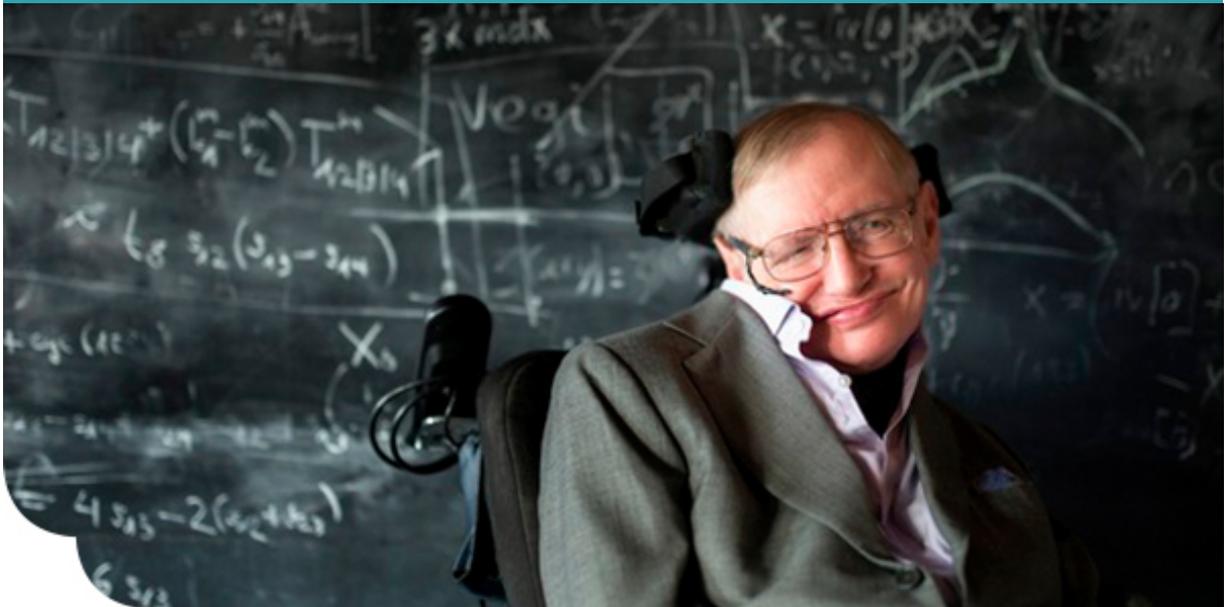


## Professor Stephen Hawking 1942 – 2018



Friends and colleagues from the Faculty of Mathematics have paid tribute to Professor Stephen Hawking, who died on 14 March 2018 at the age of 76.

[Read more](#)

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### Stephen Hawking: milestones of a life in physics



Ask a 12-year-old child to explain the Big Bang or a black hole and chances are you'll get a reasonably correct answer. Ask a physicist about the same concepts and he or she will tell you they are accepted components of our theory of the Universe.

When Stephen Hawking started his career in the early 1960s neither of these two statements was true. We look back at how his work helped to change the face of physics.

[Read more](#)



## Making connections: welcome to the new Sadleirian Professor of Pure Mathematics

"Cambridge is a great place for mathematics; it has always been," says Emmanuel Breuillard, the new Sadleirian Professor of Pure Mathematics at DPMMS. "When this opportunity arose I jumped on it."

As he takes up a professorship with a rich and distinguished history, we talked to Breuillard to learn more about what makes Cambridge an inspiring place to work, and his passion for making connections between different mathematical fields.

[Read more](#)



## Bridging the boundary between pure mathematics and theoretical physics

Although the distinction between pure mathematics on the one hand and theoretical physics on the other can seem like a rigid divide, in reality ideas have always crossed the boundary between the two.

Dr Claude Warnick, recently appointed to an exciting new joint lectureship held in both the departments within the Mathematics Faculty, explains why it is natural to blur the lines, and what each discipline can offer the other.

[Read more](#)

## Student stories

### The Archimedean: inside the student mathematics society

The Archimedean is the mathematics society run by students of the University. Founded in 1935, it has been attracting a good part of the undergraduate intake every year since, and the option to become a member for life means that many alumni keep in touch through events and the society's famous journal, *Eureka*.

We talked to the outgoing President of the Archimedean, Yanni Du, about what the society does, and the many benefits of joining.



[Read more](#)

## The Faculty presents.... Cambridge mathematics on screen and radio

### 'People of Science': Brian Cox interviews Sir David Spiegelhalter

Sir David Spiegelhalter was recently interviewed by Brian Cox for the Royal Society's 'People of Science' series, in collaboration with the BBC.

Joining other eminent contributors including Sir David Attenborough and Bill Bryson, Professor Spiegelhalter focused on the work of two giants of the history of statistics – Thomas Bayes and Ronald Fisher.

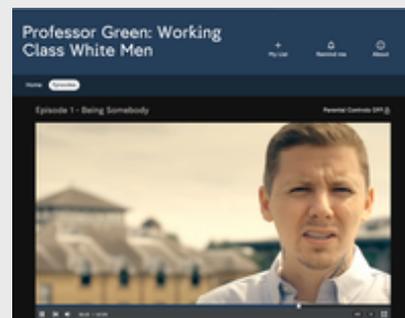


[Watch now](#)

### Inspiring aspiration: Cambridge mathematics student stars in Channel 4 documentary

When the rapper Professor Green's documentary 'Working Class White Men' was shown on Channel 4, viewers collectively held their breath as the film showed sixth former Lewis Croney waiting for his examination results.

The documentary followed the very different journeys of six young men, including talented student Lewis, as he worked to achieve his dream of studying mathematics at Cambridge.



[Discover more](#)

### 'Contagion! The BBC Four Pandemic'

A groundbreaking scientific collaboration between Faculty researchers and the BBC featured as the centrepiece of the documentary 'Contagion! The BBC Four Pandemic'.

Over 30,000 people participated in a huge citizen science experiment, which has resulted in the largest disease dynamics research data set of its kind.



[Discover more](#)

## Mathematics for all: NRICH on BBC Radio 4's 'Puzzle for Today'

Keen-eared listeners to BBC Radio 4's flagship 'Today' programme will have spotted that the popular 'Puzzle for Today' slot features a collaboration with our NRICH project, part of the Faculty's extensive mathematics education outreach activities.

[Learn more](#)



Our campaign for the University and Colleges of Cambridge is raising funds to attract the brightest minds, create the finest facilities and give the freedom to create more world-changing ideas. To do this, we need your help.



Faculty of Mathematics

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