

Leading DAMTP into the future



"The next decade will be an enormously exciting period, both for applied mathematics and for theoretical physics," predicts Professor Colm-cille Caulfield. An expert in the fluid mechanics of turbulence, Professor Caulfield is the new Head of the Department of Applied Mathematics and Theoretical Physics (DAMTP).

As he takes up his post, we talk to him about his own research, the strengths of DAMTP, and the Department's vision for the future.

[Read more](#)

Meeting the young generation of researchers

Less is more: the quest for minimal surfaces

Over the last 250 years mathematical objects called minimal surfaces have been playing hide and seek with geometers. Dr Spencer Becker-Kahn is one mathematician who has joined the quest to find them.

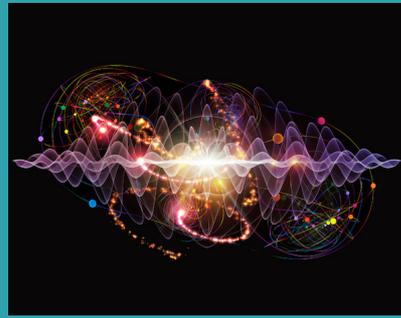


[Read more](#)

Quarks meet quantum computing

Dr Bipasha Chakraborty and Dr Masazumi Honda are particle physics researchers. Their recent work gives an exciting proof of concept for the application of quantum computation to high-energy physics.

[Read more](#)



Cambridge snapshots: hunting cosmic strings

Amelia Drew is a PhD student in the Centre for Theoretical Cosmology. She tells us about her research into cosmic and axion strings, dark matter and what it's like doing a PhD.

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Building bridges with industry

Cambridge Mathematics Placements student programme

Mathematics teaching at Cambridge is world-class, but how does the Faculty also help students find their feet in the world of industry?

The Cambridge Mathematics Placements programme enables over 100 undergraduates and Part III students every year to gain first-hand experience working with industry partners. We talked to programme mentors and alumni to learn more.

[Read more](#)

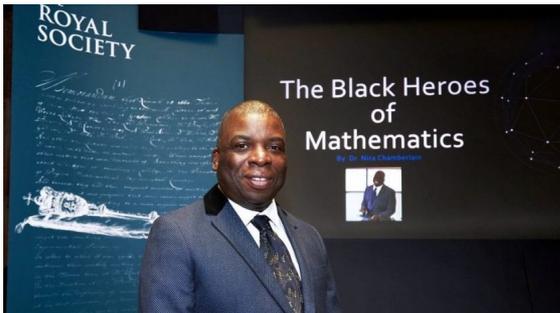




Dr Stephen Siklos, 1950-2019

The Faculty was deeply saddened by the death of Dr Stephen Siklos on 17 August 2019. He was an outstanding lecturer, Faculty Admissions Officer for many years, and known to thousands of students as the face of STEP.

[Read more](#)



Black History Month at the CMS

In October the Faculty joined Black History Month celebrations. Current and former staff and students spoke alongside Dr Nira Chamberlain, President of the Institute of Mathematics and its Applications, at an event exploring the contributions of black mathematicians within the field.

[Read more](#)

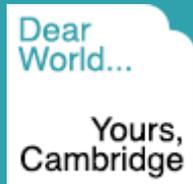


Sustainability and stewardship - Green Impact awards

Environmental stewardship initiatives in the Centre for Mathematical Sciences have won numerous awards. Staff, students and the Vice-Chancellor discuss how sustainable thinking can become an integral part of running large University sites.

[Watch now](#)

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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