

## What's on today?

2 July 2025

To view the full exhibition programme, scan the QR code or visit [royalsociety.org/summer](https://royalsociety.org/summer)



### Talks and activities

All talks and activities are free and do not require a ticket.

#### Talks

Admittance for our talks is first come, first served. Spaces are limited, so we advise you arrive at least 10 minutes before the advertised start time.

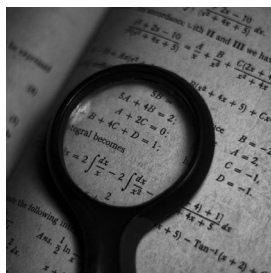
All our talks have live subtitles and some will be live streamed on our YouTube channel.

#### Drop-in activities

These activities run continuously and you can drop in at any time. Please note if the venue is at capacity you may have to wait.

10.15am

Talk



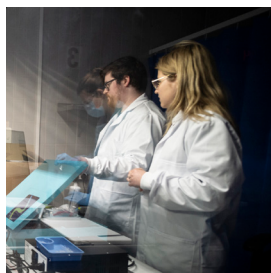
**Why do some people struggle with maths?**

Basement

Maths is part of everyday life, from checking timetables to shopping and cooking. Dr Kinga Morsanyi, cognitive developmental psychologist and UKYA member, joins us to share her research on dyscalculia and maths anxiety: the fear and stress caused by numbers.

11am

Talk



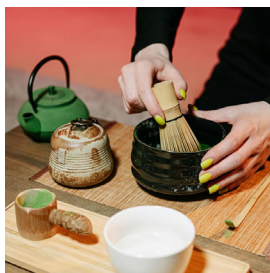
**Brain surgery without scalpels**

Basement

Ultrasound is one of the safest tools in medicine. Dr Tom Gilbertson and Dr Isla Barnard use focused ultrasound to treat brain conditions without surgery. Combining neurology, imaging, and computational physics, their work explores how sound waves can target deep brain areas offering new, non-invasive treatment options for patients with complex neurological disorders.

11am – 12 noon

Drop-in activity



**Tea ceremony**

Kohn Centre

Join us for a tea ceremony led by Yukako Tanaka, blending ancient tradition with cutting-edge science. This experience introduces MetaDō, a mindful journey through light, colour, and metamaterials, the nanotech at the heart of the NanoGlow exhibit.

12 noon

Talk



**The energy makeover: science, sustainability, and you**

Basement

To tackle climate change, we need cleaner energy - and better materials to store and use it. Professor Magda Titirici, member of the HappyMAT: bio-inspired materials exhibit group, shares how her cutting-edge research in sustainable energy is solving real world problems and helping to build a better future.

1pm

Talk



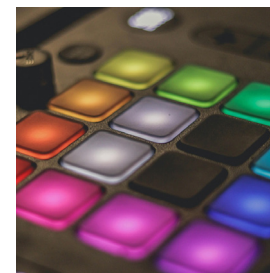
**Smart surgical gloves: precision at your fingertips**

Basement

Imagine a glove so sensitive it detects the lightest touch and guides a surgeon's hand. Join Professor Manish Tiwari, part of Nanotechnology and virtual reality for safer surgery exhibit group, to explore how sensing technology is transforming the future of healthcare, one touch at a time.

2pm

Talk



**The PhotoSYNTH and accessible music making**

Basement

Music is fundamental to the human experience, but people with disabilities who aren't able to play a traditional instrument are often excluded from making music. Zen Olenski and Tim Yates will discuss the work they're doing to address this by trying to ensure that everyone has an instrument they can play.

3pm

Talk



### Why do some people struggle with maths?

Basement

For some people, numerical skills can be effortless and almost automatic. However, others may struggle. Dr Kinga Morsanyi, cognitive developmental psychologist and UKYA member, joins us to share her research on dyscalculia and maths anxiety: the fear and stress caused by numbers.

10am – 4pm

Display



### Michael Faraday's gold colloids

Wolfson 2

Alongside the NanoGlow main exhibit, learn about one of the world's earliest known examples of nanoscience: Michael Faraday's gold colloid solutions, held in the archive at the Royal Institution (Ri) and on display at the Royal Society during the Summer Science Exhibition.