

## What's on today?

4 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.

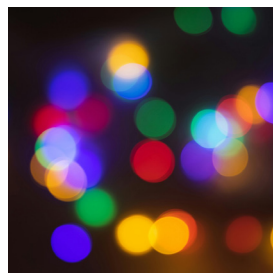
All our talks have live subtitles and some will be live streamed on our YouTube channel.

#### 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.

11am

Talk



**Seeing the unseen: from quantum mysteries to quantum microscopes**

Basement

In this talk, Dr Emma Pearce and Toby Severs will take you on a journey from the double-slit experiment to cutting-edge quantum imaging being developed for real-world healthcare. Discover how we can see light without ever detecting it and why the future of medical imaging might use the weirdness of quantum mechanics.

12 noon

Talk



**Bioplastics from the deep: how seaweed is reshaping packaging**

Basement

What if the solution to plastic waste was growing in the ocean? Join Luke Barnett, member of the Algal Revolution main exhibit, to discover how brown seaweed is being transformed into biodegradable plastic films that safely dissolve in water, leave no microplastics behind, and offer natural antimicrobial protection – ideal for use in food packaging and beyond.

1pm

Talk



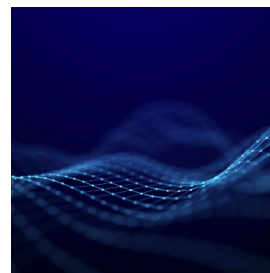
**Seismic senses: from spiders to elephants**

Basement

Join Dr Alice Morrell, part of the Seismic Senses main exhibit group, for an exciting talk on the fascinating world of animals with the ability to detect surface vibrations – a remarkable sense we call seismic sensing. From spiders that shake their webs and sing love songs, to elephants that rumble the ground when there's danger, many species use vibrations to communicate.

2pm

Talk



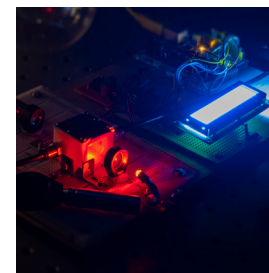
**Quantum: for you, with you**

Basement

The National Quantum Computing Centre has teamed up with the Quantum Hubs to uncover the world-class research and innovation going on in the Quantum Zone here at the exhibition. In this talk, Dr Yashna Lekhai will guide you through the main quantum technologies and how the applications extend well beyond a lab.

3pm

Talk



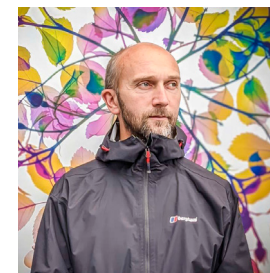
**NanoGlow: lighting up a sustainable future**

Basement

Imagine using light and tiny particles to drive powerful chemical reactions - cleanly and efficiently. Join Dr Anastasiia Zaleska, member of the NanoGlow exhibit, to discover how current research focuses on designing nanoscale materials that harness light to break down pollutants and generate clean fuels, in innovative and sustainable ways.

4pm

Talk



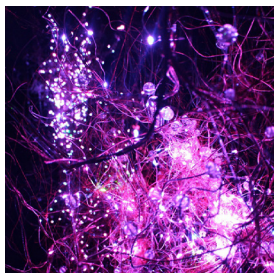
**Art, science and "X-ray vision"**

Basement

Uncover the hidden poetry woven into the fabric of everyday life at the intersection of science and photography with artist and experimentalist Hugh Turvey as he uses X-ray art to reveal the unseen beauty beneath the surface.

4.30pm

Screening



### Technology for an inclusive world

Kohn Centre

The Royal Society's new policy report 'Disability Technology' explores the benefits and challenges of inclusive design. Join us for this short film screening on digital assistive technologies followed by a Q&A with the film director Justin Edgar and actor Keron Day. Learn more about how disabled people use digital assistive technologies, such as AI assistants, eye-tracking devices and smartphones, in their daily lives.

5pm

Talk



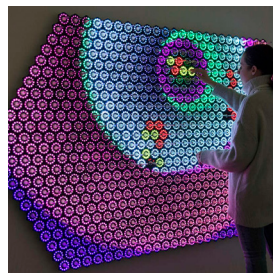
### Bringing the dead alive

Basement

Many think of Natural History Museum collections as relics from the past – the bones and stones of our planet, specimens whose value diminishes once they have been identified and deposited in these biological vaults but this is very far from the truth. Dr Erica McAlister, entomologist and Principal Curator for Diptera and Siphonaptera, joins us to share the value of museum collections, focusing on the most important animals, the flies.

10am – 6pm

Drop-in activity



### Quantum jungle

Kohn Centre

Step into the Quantum jungle, an interactive installation that combines tactile springs and light to bring the concept of quantum particles to life.

Designed by engineer, designer, and artist Robin Baumgarten, this one-of-a-kind art installation offers an engaging way to explore the fascinating world of quantum mechanics.

10am – 6pm

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.