

## What's on today? 3 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



#### The future of inclusive space flight

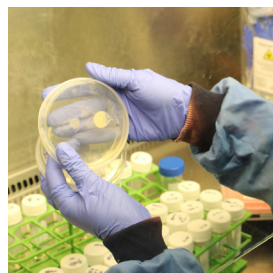
Basement

Join Dr Irene Di Giulio, biomedical engineer and senior lecturer at King's College London, for a fascinating exploration of how the brain controls movement – and what happens when the rules of gravity change.

Blending science, engineering, and space, she'll dive into her research on movement and neuromuscular disorders and how she works to develop tools and technologies to support those affected.

12 noon

Talk



#### Fighting superbugs with tiny warriors

Basement

By 2050, antimicrobial resistance could cause 10 million deaths each year. It happens when germs evolve to resist medicines, making infections hard to treat. Join Dr Franklin Nobrega from the Fighting Superbugs exhibit to learn how good viruses, called phages, can help us save lives.

1pm

Talk



#### The future of plastics

Basement

From shampoo bottles to synthetic clothing, plastics are everywhere – but their environmental cost is growing. Drawing on innovations like coatings derived from shellfish and advanced filtration systems, Dr Iman Mohagheghian will show us how scientists are working to reduce our dependence on petroleum-based plastics, improve recycling, and prevent pollution before it reaches our oceans.

2pm

Talk



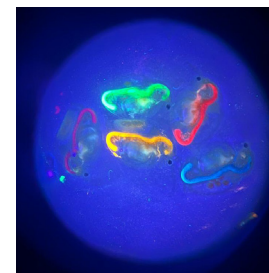
#### SKAO: big data and transformational science

Basement

The Square Kilometre Array Observatory (SKAO) will be the next generation radio telescope for astronomy. The observatory comprises of two telescope arrays across three continents and when finished will be the largest scientific facility in the history of humankind. Join Dr Chris Pearson to explore the transformational science the SKAO will deliver.

3pm

Talk



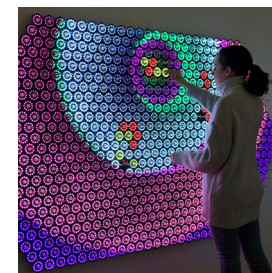
#### Pollution detectives: Daphnia at work

Basement

What happens to plastics in the environment? How do microplastics and nanomaterials affect ecosystems? Dr Katie Reilly from the Daphnia Detectives exhibit reveals how these pollutants change and interact with other contaminants, using Daphnia to uncover pollution's hidden impacts on aquatic life.

10am – 4pm

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 – 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.