

Essential Information!

Please note that all event listings are subject to change. Check with us on the night for the most up-to-date information.

LOST OR CONFUSED?

We can help! Look out for staff wearing Science Uncovered t-shirts.

FOOD AND DRINK

Enjoy a drink at the main bar situated in our museum café on the Ground Floor. You'll also find pop-up bars in Window on Our World (Ground Floor), Modern History (Level 1/2) and Elements (Level 3). Hungry? Grab a bite in the café.

TOILETS

Toilets are available on the ground floor, next to the café, and on Level 2, outside the Armada gallery.

HAVE YOUR SAY

Our staff will be carrying out short evaluations of this event, so please let us know what you think so we can make the next one even bigger and better!

SPREAD THE WORD AND FOLLOW US



Ulster Museum, Belfast



@UlsterMuseum
#ScienceUncoveredNI

FILMING AND PHOTOGRAPHY

The Ulster Museum will be documenting Science Uncovered for use in future publicity. Please speak to a member of staff if you prefer not to be photographed or filmed.



HORIZON 2020

European Researchers' Night

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 722950 in the framework of the Marie Skłodowska-Curie actions.

We would like to thank the Natural History Museum in London for involving us in this exciting project.



explore / engage / enjoy

Science Uncovered

Friday 29 September
2017

7.00pm – 10.00pm



nmni.com

Science Uncovered Programme 2017

Station to Station.... Science Stations

Meet our super clever local scientists, discover more about their research, and maybe even get hands-on with demonstrations and experiments. Find these activities all night, in the following places.

*There may be some changes to this programme, so please do check with our lovely staff if you have any questions.

Ground Floor

Welcome Area

Setting the scene with science and our very own museum collections. Your voyage of discovery starts here!

- Secrets of the museum stores – what lurks behind closed doors?
- What does a museum conservator do? Your chance to ask!
- A Tale of Two Spitfires – using science to locate crash sites
- A limpet's eye view of sea level change
- 'Dynamite with a laser beam' – laser research
- Ch-ch-ch-changes – finding a balance with molecular research

Window on Our World

A snapshot of some of the brilliant EU-funded research being carried out here in Northern Ireland.

- Into the volcano – the PANTHER project
- Keeping tabs on pollution
- Marvellous materials – computer support for chemical technologies
- Look into my eyes – saving sight, with real eyeballs
- Landscapes of the past
- The Cryptographic Factor

Learning Zone

Get Wet, Wet, Wet, as we travel above and below the waves.

- Mending broken bones with marine organisms
- A whale of a time – discover whales and dolphins
- Experience the power of waves
- Food-chained up – seaweed as food for animals

Level 1/2

Modern History

Put your scientific mettle to the test and face your fears.

- 'The Internet of Things' – a global infrastructure for data gathering
- Don't fear the sums!
- Time detectives – radio carbon dating

Level 3

Elements

This exhibition brings together almost every aspect of science you can imagine, so it's the perfect place to delve into the following:

- Breathe again – test your lung function
- Give your body an MOT
- Radiation all around?
- New strategies to treat MS

Origins

In a gallery about the vastness of the Universe:

- Ventilate and investigate – preventing lung damage with algorithms

Discover Nature

It's not just for kids, you know! Come and discover this amazing interactive space, and get in touch with nature:

- Species records with CEDaR – nothing to do with vinyl!
- What is the point of wasps? – find out from our Natural History Museum expert

A (very) Brief History of Science... Science Snippets

A challenge for our scientists! Can they distil their research into a catchy, clear and captivating ten-minute presentation? Join them to find out!

Lecture Theatre (Ground Floor)

The Pit and the Pedestal: Unexpected Tales from the West of Ireland

7.10pm – 7.20pm
Dr Mike Simms

What would it be like to Holiday on Mars?

7.30pm – 7.40pm
Rhian Chapman

Live Fast, Die Young: The Ancestors of Black Holes

8.00pm – 8.10pm
Erin Higgins

How to fill your Car from your Bin

8.30pm – 8.40pm
Ahmed Ibrahim

From Clouds to Crystals: Finding the Balance

8.40pm – 8.50pm
Dr Leila Moura

It's Dinner Slime – Feeding Farm Animals

with Microalgae
8.50pm – 9.00pm
Dr Daniel McDowell

'Then I'll huff, and I'll puff, and I'll blow your 'lungs' down!'

9.00pm – 9.10pm
Dr Murali Shyamsundar

So you Trust your Computer?

9.10pm – 9.20pm
Gavin McWilliams

Belfast Room (Ground Floor)

PANTHER – Where Fire meets the Sea

7.20pm – 7.30pm
Dr Sara Benetti

Designs from the Deep: Marine Organisms for Bone Repair

7.40pm – 7.50pm
Dr Susan Clarke

ENACT: State-of-the-Art Research, European Funding, and the Benefits of International Co-Operation

7.50pm – 8.00pm
Professor Jorge Kohanoff

Shelled Micro-organisms – What Body Shape can Reveal about Water Quality in Lakes

8.10pm – 8.20pm
Dr Helen Roe

Dirty Old Town / Heavy Metal City

8.20pm – 8.30pm
Dr Rory Doherty

Tackling COPD – Big Plans for a Big Problem

8.40pm – 8.50pm
Dr Lorcan McGarvey

Enabling the Internet-of-Things: Revolution through Energy Efficient Microservers

9.00pm – 9.10pm
Dr George Karakonstantis

How to find Wildlife in the Heart of Belfast

9.20pm – 9.30pm

Dr Fiona Aiken