

SOUTHEAST SCIENCE FESTIVAL 2018

The Southeast Science Festival takes place from 5-18 November 2018 and is the regional celebration of National Science Week (11-18 November 2018). The festival is coordinated by Calmast, the STEM (science, technology, engineering and maths) Outreach Hub for the Southeast at Waterford Institute of Technology and brings top scientists and science presenters from Ireland and abroad to counties Kilkenny, Tipperary, Wexford and Waterford.

Programme

Please find attached the Southeast Science Festival Programme for Secondary Schools (Senior Cycle) in the Southeast.

The complete programme is available on www.calmast.ie and www.sfi.ie

Follow us on social media to find out about our public events:

Twitter: @CalmastWIT

Instagram: @CalmastWIT

Facebook: @CalmastSTEMhub

Booking

All events are free but booking is essential since places are limited.

Please contact Eleanor Reade, School of Science, WIT to book a workshop or show unless specific contact details are given: 051 302037 or email ereade@wit.ie

Photo and video consent

Please note that all events will be photographed and/or videoed. All photos and videos are intended for non-profit use to promote STEM, this includes promotion on social media. Pupils and teachers will not be named unless permission is given.

By booking, you are giving consent to photography and/or videoing. If you do not consent please let us know at the time of booking.

Presenter
Gabriel Gallagher

Audience
Secondary school students, Senior Cycle

Isaac Newton is arguably the greatest scientist of all time. Join Gabriel Gallagher, physics lecturer at WIT to look at Newton's complex personality and fascinating life. You will also explore his laws of motion and law of gravity from a different perspective and find out how these laws, dating from 1687, established the bedrock for our understanding of the physical world.

Waterford Institute of Technology, Auditorium

9 November 2018
12.00 pm – 1.00 pm



The Internet in Your Car

Presenter

Brendan Jackman, Frank Walsh

Audience

Secondary school students, Senior Cycle

In this workshop Brendan Jackman and Frank Walsh, lecturers at WIT, explain how a network of computers in modern cars is used to control everything from the engine to electric windows. The basic principles of how vehicle networks operate will be explained and there will be a live demonstration of real networks from a Jaguar Land Rover vehicle.

Waterford Institute of Technology, FTG25 – meet in WIT Atrium

12 November 2018

11.30 am – 12.30 pm

Station X: World War 2, Secret Codes, Enigma and Colossus

Presenter

Rob O'Connor

Audience

Secondary school students, Senior Cycle

Rob O'Connor, lecturer at WIT, tells the story of electronic information first being used as a weapon in warfare: How a band of misfit mathematicians, engineers and codebreakers helped win World War 2 and kickstarted the computer industry.

Waterford Institute of Technology, FTG25 – meet in WIT Atrium

13 November 2018

10.15 am – 11.15 am