

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 (Junior Cycle and TY) 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

James Soper, the Juggling Scientist

Audience

Secondary school students, Junior Cycle and TY

The Real Science of the Circus is a live science show like no other. Performed by James Soper, the juggling scientist, the show is a spectacular combination of top quality circus skill and science education. Spectacular juggling and balancing tricks show how forces work and combine when real circus performers show off their skill.

Dungarvan Town Hall Theatre

This event is supported by GSK: GSK STEM Ambassadors will present a selection of hands-on STEM activities before and after the show.

8 November 2018

1.00 pm – 2.00 pm



It takes guts

Presenter

London Science Museum

Audience

Secondary school students, Junior Cycle

Follow the journey of your food into your mouth, through the acid bath in your stomach, along metre after metre of pulsating guts, and then... out the other end! This show, featuring video footage of people's inside, is a gross, squirm-inducing demonstration of why exactly your poo is brown.

Waterford Institute of Technology, Auditorium

12 November 2018

12.45 pm – 1.45 pm

13 November 2018

12.45 pm – 1.45 pm

Watershed Kilkenny

14 November 2018

12.45 pm – 1.45 pm



In a Spin

Presenter

Dr Ken Farquhar

Audience

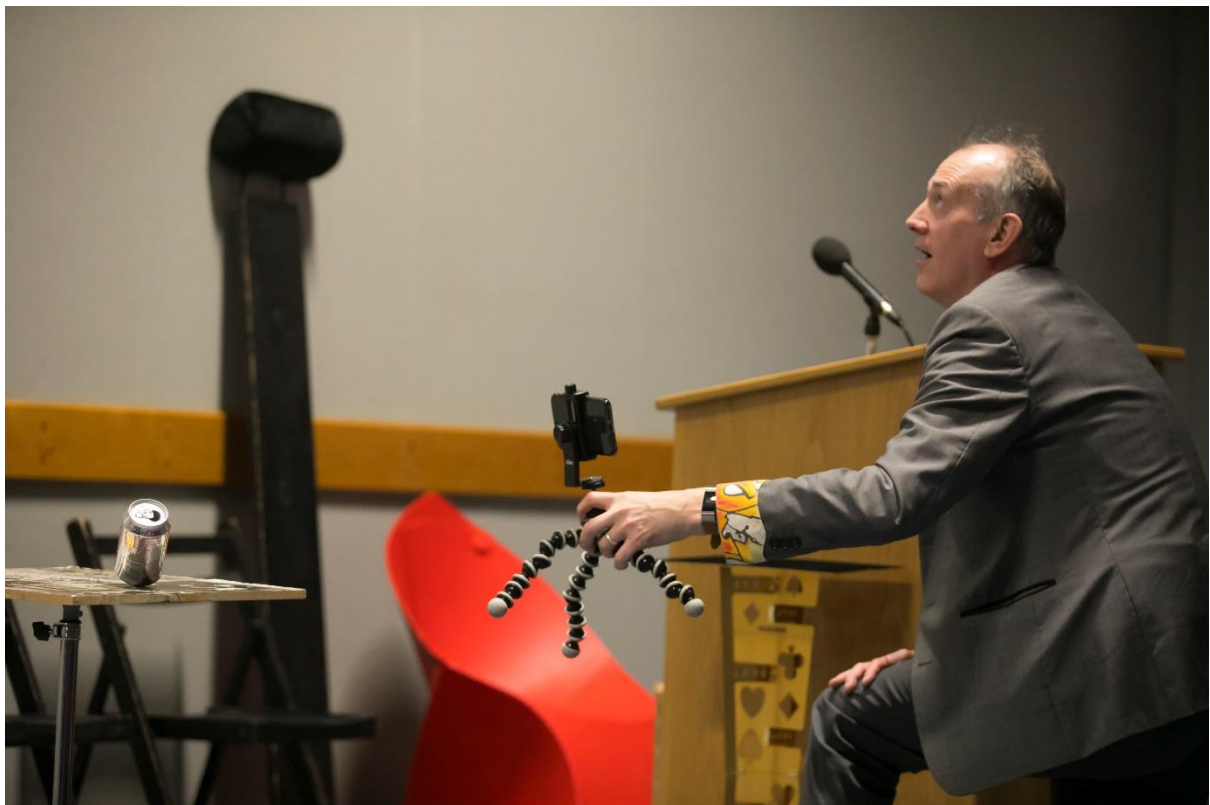
Secondary school students, Junior Cycle and TY

Dr Ken is a World juggling champion, soap bubble chemist and international science performer. His unique show 'In a Spin' is about all things that spin and features bizarre bicycles, unmissable golf putters and yo-yo's that always come back! Join Dr Ken at WIT this year to learn all about the science of spinning – and you might even get a hands-on experience as Dr Ken's volunteer during the show!

Waterford Institute of Technology, Auditorium

14 November 2018

12.45 pm – 1.45 pm



The SET Game

Presenter
Dr Aoife Hennessy

Audience
Secondary school students, Junior Cycle and TY

This exciting workshop led by Dr Aoife Hennessy, lecturer at WIT, revolves around a challenging and enjoyable card game with a rich mathematical structure. Participants will explore the combinatorial links that arise through the challenging game. Throughout the game they will strengthen their counting skills, which play a large role in problem solving. This topic has strong links to the Junior Certificate syllabus.

Waterford Institute of Technology, Auditorium

14 November 2018

9.30 am – 10.30 am

11.00 am – 12.00 pm



Force of Course

Presenter
W5 Belfast

Audience
Secondary school students, Junior Cycle and TY

W5's interactive show brings fun and learning together. This show covers all about forces in a variety of fun and interactive demonstrations. Explore Newton's Three Laws of Motion in this show using simple items like balloons, a football, a cat flap and some really high-tech gadgetry!

Waterford Institute of Technology, Auditorium

16 November 2018

11.15 am – 12.15 pm

12.45 pm – 1.45 pm

