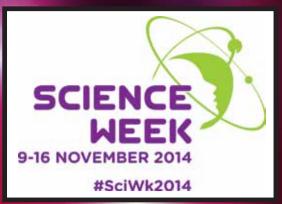
# 10<sup>th</sup>-23<sup>rd</sup> NOVEMBER



# Galway Science & Technology Festival Féile Eolaiochta & Teicneolaiochta na Gaillimhe

**SCIENCE & TECHNOLOGY EXHIBITION NUI Galway** Sun Nov 23<sup>rd</sup> 10am-6pm

**REMEMBER!!** 

# SECONDARY SCHOOL PROGRAMME

#### **REELLIFE SCIENCE**

Make a 1-3 minute video communicating science in an entertaining way - open to **Primary & Secondary Schools** www.reellifescience.com

## **TRUE PHYSICS**

Learn about flight pressure, light, sound and electricity - launch rockets, make music and fly helicopters with Declan Holmes

## THE STRANGE WORLD OF FORCES BY DR PAUL McCRORY

Find out what it feels like to be safely vacuum-packed; discover the forces involved in air/water rockets; and travel on a hovercraft.

#### **DR KEN'S CIRCUS**

Discover the scientific principles used by circus performers using gravity in their tricks and stunts. It's science but not as you know it!!

## **AMES SOPER'S CIENCE SHOWS**

Bend it like Beckham - The Real Science of the Circus Galileo's Greatest Mistake

## FANTASTIC DNA

As part of the Cell EXPLORERS roadshow, Young explorers will have the chance to build a DNA double helix and extract DNA from cells to take home.





Something Science and Technology for everyone at GMIT and NUI Galway!

#### **NUI GALWAY EVENTS**

Visit our Museums: suitable for Primary & Secondary School students

**Zoology and Marine Biology Museum** – email anne.cryan@nuigalway.ie

Geology Museum – email lorna.larkin@nuigalway.ie

**Computer Museum** - contact Brendan Smith Brendan.smith@insight-centre.org

Careers in Science - Live Online in the Classroom

Creating Software Apps and Online Markets This session will go through the 'toolkit' required to build an app and market online.

Could you build a satellite? A CanSat is a simulation of a real satellite, built inside an empty soft drinks can. This workshop will cover aspects of building the CanSat and selecting its mission for launch. To sign up your secondary school to attend the workshop and compete for GMIT CanSat 2015 contact slo@gmit.ie

#### **Sussing Slippery Slimes & other Species**

- An Identication Workshop of slimy and slippery algae from the local seashore

The Ocean and Us; An introduction to the Awesome Atlantic - in the Marine Research Laboratories

**ISTA Science Quiz** – Senior Cycle Secondary School Students 13th November - 7.30

Sustainable Energy Communities – comes to your school as part of the Green Schools Initiative **Engaging Engineering with the Community** 

Guided Tour of GMEDTECH - GMIT Biomedical **Engineering Research Centre** 

Building and Civil Engineering Workshops - live simulations in GMIT Labs.

#### **SCIENTIFIC SUE'S** CHEMISTRY SHOW

"The X-traordinary Science Show" A Burning, Bubbling, Exploding and Magical X-perience. Danger! Science Magic: Fun Guaranteed



Visit the Sea Science exhibition presented by NUI Galway's Ryan Institute at the Galway City Museum. - to book email museum@galwaycity.ie

ReelLife Science: Make a 1-3 minute video communicating Science in an entertaining way. Closing 17th Oct. www.reellifescience.com

Interpreting Landscape: Tim Robinson and the West of Ireland: exhibition in the NUI Galway Hardiman Builiding, presented by the Moore Institute.

Open your mind at the 3rd annual THREESIS **competition** as researchers battle it out to get to the point in 3 minutes, 3 slides to 3 judges.

Join the NCBES Roadshow and take a look at the exciting future of Biomedicine in Ireland. Book email william.brennan@nuigalway.ie

#### GMIT EVENTS

Science, Technology and Engineering Learning Experiences at GMIT! To book contact slo@gmit.ie

**GMIT Engineering** Labs in Hydraulics/Structures/ Surveying run on Wednesdays from 2pm-3pm. To book a class email mark.deegan@gmit.ie

#### **Career Talks**

Smart Futures are training people with science and technology backgrounds to give career talks to students in secondary schools around Ireland. These are volunteers from organisations such as pharma chemical, medical devices, energy and technology companies, as well as from research centres and academia.

Career talks are aimed at Junior Cycle and Transition Year students, with a view to encouraging them to keep on STEM subjects, but may also be available for Senior Cycle students.

Visits are free, so if you are a guidance counsellors, science teacher or TY coordinator interested in requesting a visit, please register your interest with SmartFutures@sfi.ie.

# **TEACHERS MUST BE IN ATTENDANCE AT ALL TIMES DURING EVENT**





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BOOKING ONLINE @ WWW.galwayscience.ie OR E-MAIL galwayscience.events@gmail.com