

CHELTENHAM

**Science
Festival**

in association with



Wed 28 November 2018

10am-12pm OR 12.30-2.30pm

Years 8&9

Trinity Arts Centre,
Gainsborough

LABLIVE is back!

Spectacular STEM shows for KS3

Treat your pupils to a FREE, one-off STEM extravaganza with Russell Arnott and Danielle George.

LabLive is a spectacular STEM show for Y8&9 which brings the best of Cheltenham Science Festival to Trinity Arts Centre, in a bid to inspire and engage inquisitive young minds. As well as enjoying an interactive lecture covering some of the latest scientific themes, pupils will learn more about the benefits of studying science, technology, engineering and maths at GCSE.

"Fun, informative and inspiring!"

Teacher feedback from LabLive 2017

Tickets are free and booking is now open.

For more information and to reserve your tickets, please email Kate.Cusick@edfenergy.com or call **01427 882054**.

Brought to you by



Cottam and West Burton
Power Stations



Russell Arnott

Sea Soup

Every time you venture into the ocean you are surrounded by thousands of minuscule creatures. Let marine microbiologist **Russell Arnott** be your tour guide through the incredible world of the small but mighty! Discover how this fascinating microscopic menagerie of mini-beasts help to provide the food we eat and the air we breathe. Find out how we can conserve these critical critters as we see just how important plankton are to life in the ocean and on land.

Russell Arnott has been an oceanographer, a science teacher, and a punk-rock guitarist. He performs at science festivals and schools throughout the UK, championing ocean conservation as the Education Consultant and Presenter for the marine education charity Incredible Oceans. His TV work includes science segments on Channel 5's *Outrageous Stunts* and *The Saturday Show*. He researches phytoplankton dynamics at the University of Bath.

@Russell_Arnott
www.incredibleoceans.org



Danielle George

Robot Orchestra

Delve into the worlds of robotics, coding and sound with engineer **Danielle George**. Meet futuristic recycled robots from the Robot Orchestra and find out how engineering and computing have fused to take control of technology. Get a glimpse of the future as the musical maestro robots take to the stage.

Professor Danielle George MBE was awarded the prestigious Royal Society Michael Faraday Prize for her public outreach, promotion of her discipline, and leadership of national programmes inspiring young people to express their creativity while innovating in science and engineering. She is a Professor in Radio Frequency Engineering and is the Vice Dean for Teaching and Learning at the University of Manchester.

@EngineerDG
www.robotorchestra.co.uk