

HEARTS AND HOW TO HEAL THEM

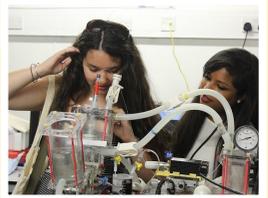
A SCIENCE AND ENGINEERING ADVENTURE

WHERE? Engineering Front Building, Roberts Building Foyer, Exhibition Area, Ground floor, Torrington Place, London WC1E 7JE

WHEN? Wednesday 18 July, 18:30—20:30

WHO? We are science fanatics, excited to show you the cool stuff we do. You will be excited too if you are intrigued by state-of-the-art applications of science and engineering to medicine.

WHY? VPH-CaSE is an international project committed to communicating its science to the public.



Competition!
Win an Amazon
voucher
£50 1st prize
£25 2nd prize

- ♥ 3D Prints
- ♥ Heart models
- ♥ Cath lab
- ♥ Virtual Reality
- ♥ iPad apps

Register on Eventbrite:

<https://tinyurl.com/y7gflb>

FREE PIZZA!

Why is this outreach being undertaken?

This event is a natural expression of VPH-CaSE research. VPH-CaSE is an international project developing new solutions to cardiovascular problems, using science and simulation. As a Marie Curie funded project, it is committed to communicating its science and results to the public.



What will be the nature of the event?

Come and see how modern science is influencing the way we approach challenges associated with diseases of the heart.

Cardiovascular disease is one of the primary causes of death in the modern world and has received much attention as a result. Diagnostic techniques include everything from stethoscopes to sophisticated 3D imaging. Therapeutic techniques range from simple exercise to stents and synthetic hearts. Such a wide array of options challenges our science, which must address the unique properties of this beating organ and its tissue/fluid environment - it demands the most innovative of solutions! Here, simulation becomes an invaluable tool, enabling options to be explored at will.

The VPH-CaSE outreach event will provide you with food for thought as well as food for your stomach (**pizza!**).

Experience what it is like to drive a modern X-Ray angiography suite using our VR simulator, share the dilemma of a cardiologist when confronted with scans of the diseased heart, benefit from the insights of simulation developed by our international collection of young researchers.

**Whether you are interested in science or medicine,
this is an event for you.**