

Experiments in Cyberspace

Public talk by Dr Matt Wingate

Thurs 12 July 2018, Centre for Mathematical Sciences, Cambridge
6:30pm Poster viewing. 7:00pm Talk. 7:45pm Poster reception.

Talk and poster exhibition celebrating scientific computing

12 July 2018
6:30-9:00pm

Centre for Mathematical
Sciences,
Wilberforce Rd,
Cambridge, CB3 0WA

All welcome, but please
register at
<http://bit.ly/2K3P5o3>

Computer simulations allow scientists and engineers to test their theories in a manner complementary to laboratory experiments. Numerical calculations can obtain approximate solutions to otherwise intractable theories. In cyberspace, one can tinker with the laws of physics in ways not possible in our universe.

This talk will discuss the power of scientific computing and give a few examples of computer simulations in physics.

This event is part of a conference funded by the European Joint Doctorate programme: High Performance Computing in the Life sciences, Engineering and Physics (HPC-LEAP).

Before and after the talk posters will be presented by the HPC-LEAP students and others covering such topics as

- Quark physics
- Computational biology
- Fluid dynamics & turbulence
- Computer architectures and algorithms

Follow us on twitter
@HPCLEAP