



WOLFSON COLLEGE
UNIVERSITY OF OXFORD



Wolfson College Digital Research Cluster

SUPERCOMPUTERS: WHAT ARE THEY AND WHAT CAN THEY DO FOR RESEARCH?

A joint seminar with the Oxford e-Research Centre

Tuesday 28 February 2017

Haldane Room, Wolfson College

5-7 pm

Modern advances in the computing power of desktops and clusters may leave academics wondering whether supercomputers still serve a purpose for research. This seminar will bring together local experts in high-performance computing (HPC) from the Oxford e-Research Centre (<http://www.oerc.ox.ac.uk/>), Oxford University's Advanced Research Computing service (<http://www.arc.ox.ac.uk/>), and the Diamond Light Source facility at Harwell (<http://www.diamond.ac.uk/>) for an overview of what these machines are and what they can do for research across the whole range of academic disciplines.

The seminar will consist of a series of short presentations and discussion, followed by drinks and ending at 7 pm.

All welcome.

Speakers

- Ian Bush ([Oxford e-Research Centre](#)), High Performance Computing - A Layman's Introduction
- Steven Young (Acting Head, Oxford University [Advanced Research Computing](#)), HPC services for Oxford researchers
- Wes Armour ([Oxford e-Research Centre](#)), HPC and Scientific Computing at the Oxford e-Research Centre
- Andrew Richards (Head of Scientific Computing, [Diamond Light Source](#), Harwell), HPC and Synchrotron Science: Making Diamond Work – from operation to research
- David Robey (Wolfson and [Oxford e-Research Centre](#)) (convenor)

For further information contact David Robey (david.robey@wolfson.ox.ac.uk).