

ARCHER CHAMPIONS

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Aims

- ARCHER support structure.
- How do we assist users:
 - **USL** - User Support and Liaison
 - **CSE teams** - Computational Science & Engineering
 - **Consortia Contacts**



User Support and Liaison Team

- Manage the Administration of ARCHER
 - Manage ARCHER Helpdesk
 - Manage setting up and maintaining Projects
 - Liaise with CSE
 - Liaise with EPSRC and NERC
 - Liaise with Systems support team
 - Liaise with Cray Centre of Excellence support team
 - Liaise with software package development and license teams



Computational Science & Engineering

- The CSE Team provide support and advice on
 - Compiling software on ARCHER
 - Running your own software on ARCHER
 - Running software packages on ARCHER
 - Using modules and libraries
 - Program performance
 - Data storage and management



Consortia on ARCHER

- EPSRC and NERC fund a number of large consortia that bring together computational scientists working in a particular scientific area.
- These consortia have large allocations of time on ARCHER that they can distribute out to their members.



Consortia on ARCHER

- <https://www.archer.ac.uk/community/consortia/>
 - e01 UK Turbulence Consortium
 - e05 Materials Chemistry HPC Consortium
 - e280 UK HEC Consortium for Biomolecular Simulation
 - e281 Plasma Physics Consortium
 - e283 UK Consortium on Mesoscopic Engineering Sciences
 - e305 UK Turbulent Reacting Flows Consortium
 - e89 UK Car-Parrinello Consortium
 - n01 Global Ocean Modelling Consortium
 - n02 NCAS (National Centre for Atmospheric Science)
 - n03 Computational Mineral Physics Consortium



Consortia on ARCHER

- Each of these Consortia comprise a large number of researchers
- Each Consortia has an identified ARCHER Consortia Contact person



Consortia Contact

- Named identified person
- Familiar with the nature of the research area of the Consortia
- Familiar with the Software Packages they use
- Familiar with the types and scale of the simulations they run
- Have regular contact with Consortia PI
- Help with liaison between Consortia members and ARCHER Support Teams



Support Contact

- Access to all these Supports available through ARCHER Helpdesk
 - eMail : support@archer.ac.uk
 - SAFE : www.archer.ac.uk/safe
 - By phone : 0131 650 5000
 - By post :
 - ARCHER Helpdesk, EPCC, James Clerk Maxwell Building
Peter Guthrie Tait Road, EDINBURGH EH9 3FD





EPSRC

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<http://www.archer.ac.uk>
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