

ARCHER CHAMPIONS: WELCOME AND OVERVIEW

5 SEPTEMBER 2016

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Welcome to Oxford

- We are very pleased to bring this Second ARCHER Champions Workshop to Oxford
- Many thanks to Ian, Clem and Graeme and their colleagues at OeRC for hosting this event
- We very much appreciate you all giving up your valuable time to attend this workshop
 - Encouraging to see a good mix of people who attended the first ARCHER Champions workshop as well as new people
- We want these events to be as interactive as possible
 - Please do ask questions as we go along



ARCHER Champions

- Aim: To create a network of ARCHER Champions that will:
 - Provide a support network between staff members whose role involves advising users on access to local, regional and national HPC resources
 - Help to promote a coherent access structure to HPC resources across the UK, with coordination between tiers
 - Support and promote activities designed to provide career development to research software engineers seeking a career in HPC
 - Support and promote activities to broaden the UK HPC user base to new disciplines and communities
 - Promote common training material and techniques
- Supported by ARCHER Outreach funding from EPSRC
- As discussed at first Workshop, we plan 2+ ARCHER Champions Workshop per annum
 - At a variety of sites around UK
 - Sometimes alongside related events (e.g., HPC-SIG Meetings)



ARCHER Outreach

- EPSRC Research Grant to promote HPC Diversity, Outreach, Impact and Engagement
- Diversity
 - Women in HPC, empowering people with disabilities, HPC diversity website (<http://www.hpc-diversity.ac.uk/>)
- Outreach
 - Activities, resources, events (Big Bang Fair), Outreach Ambassadors, teacher pack
- Impact
 - Case studies, impact reports, dissemination
- Engagement
 - Porting/Optimisation workshops, ARCHER Champions



Outline Timetable

Monday 5 September

- 1315: ARCHER and the National HPC Infrastructure
- 1400: Programming Techniques
- 1500: Tea/Coffee
- 1530: SAFE Updates and Developments
- 1600: Outreach with Wee ARCHIE
- 1630: ARCHER Surgery
- 1700: Close
- 1930: Dinner at Cherwell Boathouse
 - <http://www.cherwellboathouse.co.uk>

Tuesday 6 September

- 0915: Processes for Access to ARCHER
- 0945: eCSE Programme
- 1015: Tea/Coffee
- 1045: eCSE Programme: Project Lifecycle
- 1145: Discussion
- 1230: Lunch





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