



Preliminary HPC User Forum Agenda

75th HPC User Forum

October 10-11, 2019 – EPCC/University of Edinburgh
Meeting Address: Edinburgh Centre for Carbon Innovation, High School
Yards, Infirmary Street, Edinburgh EH1 1LZ

THURSDAY, OCTOBER 10

- 12:00 Lunch
- 13:00 Welcome/Introductions
Mark Parsons, EPCC; Paul Muzio, Earl Joseph and Steve Conway, HPC User Forum
- 13:15 HPC at EPCC (speaker invited)
- 13:45 EuroHPC Update, Leonardo Flores, European Commission
- 14:15 Vendor Technical Update: Cray
- 14:30 The UK Exascale Project, Mark Parsons, EPCC
- 15:00 The EU Fortissimo Project: HPC for SMEs, Bastian Koller, HLRS/University of Stuttgart
- 15:30 Networking Break
- 16:00 Vendor Technical Update: AMD
- 16:15 Vendor Technical Update: Panasas
- 16:30 ARM and The UK Catalyst Project, Simon Burbidge, University of Bristol
- 17:00 The European Processor Initiative, Jean-Marc Denis, EPI
- 17:30 End of First Day Meeting
- 17:30 After-Meeting Socializing

FRIDAY, OCTOBER 11

- 8:30 Welcome/Logistics/ Paul Muzio, HPC User Forum Steering Committee Chair
- 8:40 HPC Market Update, Earl Joseph & Steve Conway, Hyperion Research
- 9:00 ECMWF and The NEXTGenIO Project, Tiago Quintino
- 9:30 Climate: Accelerating MPAS-Ocean on GPUs, Rob Aulwes, Los Alamos National Laboratory
- 10:00 Metadata & Archiving: Recap of the April 2019 HPC User Forum Session, Paul Muzio
- 10:30 Networking Break
- 11:00 The Post-K Computer Project, Satoshi Matsuoka, RIKEN
- 11:30 Large Scale Industrial Simulations Using HPC, Leigh Lapworth, Rolls-Royce
- 12:00 The Exascale Computing Project's Application Software Strategy, Jonathan Carter, Lawrence Berkeley National Laboratory
- 12:30 The DiRAC Astronomy & Particle Physics Theory Community, Mark Wilkinson
- 13:00 Advanced Computing at NASA, Rupak Biswas
- 13:30 Meeting wrap up and plans for future HPC User Forum meetings, Earl Joseph, Steve Conway
- 13:45 Meeting ends