



HPC User Forum Agenda

74th HPC User Forum

October 7-8, 2019 – CSCS/Swiss National Supercomputing Centre
Meeting Address: Hotel de la Paix, Viale Giuseppe Cattori 18, Lugano

MONDAY, OCTOBER 7

- 11:30 Registration
- 12:00 Lunch
- 13:00 Welcome/Introductions: Thomas Schulthess, CSCS; Paul Muzio and Steve Conway, HPC User Forum
- 13:15 HPC and Switzerland, Peter Brönnimann, State Secretariat for Education, Research and Innovation
- 13:30 CSCS and European Supercomputing, Thomas Schulthess
- 14:00 EuroHPC Update, Leonardo Flores, European Commission
- 14:30 The European Processor Initiative, Jean-Marc Denis, EPI
- 15:00 Networking Break
- 15:30 Vendor Technical Update: AMD
- 15:45 Vendor Technical Update: Cray
- 16:00 Goals for the Pan-European Supercomputer, Kimmo Koski, CSC
- 16:30 The Exascale Computing Project's Application Software Strategy, Mike Heroux, Sandia National Laboratories
- 17:00 ARM and The UK Catalyst Project, Simon Burbidge, University of Bristol
- 17:30 End of First Day Meeting

TUESDAY, OCTOBER 8

- 9:00 Welcome/Logistics/ Paul Muzio, HPC User Forum Steering Committee Chair
- 9:10 HPC Market Update, Steve Conway, Hyperion Research
- 9:30 Energy Efficient Scalable Algorithms For Weather Prediction At Exascale, Andreas Mueller, ECMWF
- 10:00 Climate: Accelerating MPAS-Ocean on GPUs, Rob Aulwes, Los Alamos National Laboratory
- 10:30 Vendor Technical Update: Panasas
- 10:45 Invited talk
- 11:15 Networking Break
- 11:45 Metadata and Archiving: Recap of April 2019 HPC User Forum Session, Paul Muzio
- 12:15 Vendor Technical Update: Intel
- 12:30 Invited talk
- 12:45 Advanced Computing at NASA, Rupak Biswas, NASA Ames
- 13:15 Meeting wrap up and plans for future HPC User Forum meetings, Paul Muzio and Steve Conway
- 13:15 Meeting ends