



HPC User Forum Agenda

71st HPC User Forum

October 1-2, 2018 – HLRS/University of Stuttgart
Meeting Address: Nobelstrasse 19

MONDAY, OCTOBER 1

- 12:00 Lunch
- 13:00 Welcome/Introductions: Michael Resch and Bastian Koller, HLRS; Paul Muzio, Earl Joseph and Steve Conway
- 13:15 Welcome, Peter Castellaz, Baden-Wuerttemberg Ministry of Science, Research and Art
- 13:45 Update on Gauss Centre for Supercomputing (GCS), Michael Resch
- 14:00 Update on Jülich Supercomputing Centre (FZJ), Thomas Lippert
- 14:15 Update on HLRS, Bastian Koller
- 14:30 Perspective on the HPC Community, Michael Resch, HLRS/University of Stuttgart
- 14:45 Lenovo Technical/Strategy Update, Martin Hiegl
- 15:00 Break
- 15:30 The European Processor Initiative, Jean-Marc Denis, Chair, EPI
- 16:00 IBM/Tech Data Technical/Strategy Update
- 16:15 Digitalization at MB Car Research and Development, Juergen Kohler, Daimler
- 16:45 Cray Technical/Strategy Update, Wilfried Oed
- 17:00 Cost Models for HPC: What, How and Who Cares? Andy Jones, NAG
- 17:30 After-Meeting Socializing

TUESDAY, OCTOBER 2

- 9:00 Welcome, Paul Muzio, Earl Joseph and Steve Conway
- 9:15 EuroHPC and the European HPC Strategy, Leonardo Flores, European Commission
- 9:45 Update on Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities (LRZ), Dieter Kranzlmüller
- 10:00 Intel Technical/Strategy Update
- 10:15 Update on the Fortissimo Project, Mark Parsons, EPCC
- 10:45 Break
- 11:15 Automated Driving and AI in Urban Environments – Recap of September Meeting, Paul Muzio, Steve Finn, HPC User Forum Steering Committee
- 11:30 Testing Approaches for Autonomous Vehicles, Marius Feilhauer, ETAS
- 12:00 Verne Global Technical/Strategy Update
- 12:15 Use of HPC at Robert Bosch GmbH, Christoph Altmann
- 12:45 Successful Use of HPC by SMEs and the Role of Training for Industrial Users, Andreas Wierse, Sicos BW
- 13:15 EXCELLERAT: HPC Engineering in the Exascale Era, Bastian Koller, HLRS
- 13:45 Inspur Technical/Strategy Update, Vangel Bojaxhi
- 14:00 Meeting Wrap Up and Plans for Future HPC User Forum Meetings, Earl Joseph, Steve Conway
- 14:15 Meeting ends