



# 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
- 13:30 HPC and Quantum Technologies in Europe, Gustav Kalbe, European Commission
- 14:00 Update on Gauss Centre for Supercomputing (GCS), Michael Resch
- 14:15 Update on Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities (LRZ), Dieter Kranzlmüller
- 14:30 Update on Jülich Supercomputing Centre (FZJ), Thomas Lippert
- 14:45 Update on HLRS, Bastian Koller
- 15:00 Break
- 15:30 Verne Global Technical/Strategy Update
- 15:45 The European Processor Initiative, Jean-Marc Denis, Chair, EPI
- 16:15 Digitalization at MB Car Research and Development, Juergen Kohler, Daimler
- 16:45 Testing Approaches for Autonomous Vehicles, Marius Feilhauer, ETAS
- 17:15 After-Meeting Socializing

### TUESDAY, OCTOBER 2

- 9:00 Welcome/Logistics/ IDC HPC Market Update, Earl Joseph & Steve Conway
- 9:15 Hyperion Research Findings: HPDA-AI and Quantum Computing, Earl Joseph, Steve Conway, Bob Sorensen, Alex Norton
- 9:30 Perspective on the HPC Community, Michael Resch, HLRS/University of Stuttgart
- 10:00 Update on the Fortissimo Project, Mark Parsons, EPCC
- 10:30 Break
- 11:00 Automated Driving and AI in Urban Environments – Recap of September Meeting, Paul Muzio, Steve Finn, HPC User Forum Steering Committee
- 11:30 Cost Models for HPC: What, How and Who Cares?, Andy Jones, NAG
- 12:00 Successful Use of HPC by SMEs and the Role of Training for Industrial Users, Andreas Wierse, Sicos BW
- 12:30 EXCELLERAT: HPC Engineering in the Exascale Era, Bastian Koller, HLRS
- 12:45 Meeting wrap up and plans for future HPC User Forum meetings, Earl Joseph, Steve Conway
- 13:00 Meeting ends