

**Welcome To The 64th
HPC User Forum
Meeting
February 2017**



**WE WANT TO THANK
HRLS/STUTTGART
FOR HOSTING
THE FORUM MEETING!**

Important Dates For Your Calendar

FUTURE HPC USER FORUM MEETINGS:

2017 Meetings:

- February 28/March 1, HRLS, Stuttgart, Germany (**today**)
- April 17 to 19, Santa Fe, New Mexico
- September 5 to 7, Milwaukee, Wisconsin

Agenda: February 28th

- 13:00** **Welcome/Introductions: Michael Resch, HLRS, Earl Joseph and Steve Conway, IDC**
- 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 **ETP4HPC in a Nutshell, Michael Malms**
- 14:15 Update on Gauss Centre for Supercomputing (GCS), Claus-Axel Mueller
- 14:30 Update on Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities (LRZ), Arndt Bode
- 14:45 Update on Jülich Supercomputing Centre (FZJ), Thomas Lippert
- 15:00 Update on HLRS, Bastian Koller
- 15:15 Break
- 15:45 Toward a Center of Excellence in Engineering, Bastian Koller, HLRS
- 16:15 Partnering with SMEs in Fortissimo, Mark Parsons, EPCC
- 16:45 Digitalization at MB Car Research and Development, Juergen Kohler, Daimler
- 17:15 After-Meeting Socializing

HPC User Forum Mission

**To Improve The Health Of The
High Performance Computing Industry
Through Open Discussions, Information-
sharing And Initiatives Involving
HPC Users In Industry, Government And
Academia
Along With HPC Vendors
And Other Interested Parties**

The IDC HPC User Forum: 64 Meetings Worldwide Since 2000

Amsterdam, Netherlands (SARA)

Annecy, France

Bangalore, India (Indian Institute of Technology)

Beijing, China (Chinese Academy of Sciences)

Bologna, Italy (CINECA)

Bristol, UK

Bruyères-le-Châtel, France (Teratec)

Canberra, Australia

Geneva, Switzerland (CERN)

Kobe, Japan (RIKEN)

Lausanne, Switzerland (EPFL)

London, UK (Imperial College)

Manchester, UK (Manchester University)

Melbourne, Australia

Munich, Germany (LRZ)

New Delhi, India (Indian Institute of Science)

Paris, France (GENCI)

Seoul, Korea (National Institute of Supercomputing & Networking)

Stuttgart, Germany (HLRS)

Warsaw, Poland (University of Warsaw)

Yokohama, Japan (Earth Simulator Center)

Zurich, Switzerland (ETH Zurich)

United States (many locations)

Recent HPC User Forum Meetings



■ 2016 Meetings:

- September 6 to 8, Austin Texas
- September 22/23, Beijing, China
- September 29/30, Oxford, UK



■ 2017 Meetings:

- February 28-March 1, Stuttgart, Germany
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Introduction

HPC User Forum Steering Committee

- Paul Muzio, City University of New York (Chair)
- Rupak Biswas, NASA Ames (Vice Chair)
- Earl Joseph, IDC (Executive Director)
- Swamy Akasapu, General Motors
- Vijay Agarwala, Penn State University
- Alex Akkerman, Ford Motor Company
- C. Scot Atkins, Industry Expert: Advanced Analytics/Dense Supercomputing
- Doug Ball, HPC expert (formerly Boeing)
- Jeff Broughton, NERSC/Lawrence Berkeley National Lab
- Paul Buerger, Avetec
- Simon Burbidge, Imperial College London
- Chris Catherasoo, Caltech
- Clayton Chandler, Credit Suisse/New York
- Jack Collins, National Cancer Institute
- Steve Conway, IDC Research Vice President
- Steve Finn, Cherokee Information Services
- Merle Giles, NSCA/University of Illinois
- Keith Gray, British Petroleum
- Sharan Kalwani, Fermilab
- Arno Kolster, PayPal
- Doug Kothe, Oak Ridge National Laboratory
- Jysoo Lee, King Abdullah University of Science and Technology (KAUST)
- David Martin, Argonne National Laboratory
- Stephane Requena, GENCI
- Michael Resch, HLRS, University of Stuttgart
- Vince Scarafino, Industry Expert
- Suzy Tichenor, Oak Ridge National Laboratory

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HPC USER FORUM EVENT
STUTTGART, GERMANY
HLRS/UNIVERSITY OF STUTTGART
FEBRUARY 28-MARCH 1, 2017

A banner image showing a server room with blue lighting and data visualizations. The text is overlaid on the bottom half of the image.

HPC USER FORUM EVENT
SANTA FE, NEW MEXICO
LA FONDA ON THE PLAZA
APRIL 17-19, 2017

A banner image showing a wooden pergola structure in an outdoor setting. The text is overlaid on the bottom half of the image.

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INNOVATION
& ROI AWARDS

MEETING
PRESENTATIONS

FUTURE
MEETINGS



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**Welcome To The
Second Day Of The
HPC User Forum
Meeting**



Agenda: March 1st

- 9:15** Welcome/Logistics/ IDC HPC Market Update, Earl Joseph & Steve Conway
- 9:20** IDC Research Findings: ROI, PPPs, Earl Joseph, Steve Conway, Bob Sorensen, & Kevin Monroe
- 9:30** Perspective on the HPC Community, Michael Resch, HLRS/University of Stuttgart
- 10:00** HPC for SMEs – from Information to Training, Andreas Wierse, SICOS
- 10:30** Break
- 11:15** The EU ExaNeSt Project to Develop and Prototype Exascale Solutions, Peter Hopton, Iceotope
- 11:45** HPC for Advanced Business Analytics, Arno Kolster, PayPal
- 12:15** Meeting wrap up and plans for future HPC User Forum meetings, Earl Joseph, Steve Conway
- 12:30** Meeting ends

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Questions?

Please email:
hpc@idc.com

Or check out:
www.hpcuserforum.com

