

HP-CAST

High Performance - Consortium for Advanced Scientific and Technical Computing
World-Wide HPC and Big Data User Group Conference
Hewlett Packard Enterprise - Datacenter Infrastructure Group (DCIG)
Radisson Blu Hotel, Franklinstraße 65, 60486 Frankfurt, Germany

HP-CAST 28

Structural Agenda V1.0

Please note: All session details are subject to change without further notice

Thursday, June 15th – Registration & Get-Together

18:00 - 22:00	Registration & Welcome Reception
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Friday, June 16th – Conference Section

08:00 - 18:00	Registration	
	HP-CAST Board and Executive Updates	
08:00 - 08:15	HPE-Liaison and Board Representative HP-CAST / SGIUG Presidents	Frank Baetke, HPE Rudolf Lohner, KIT/SCC Ryan Quick, PayPal
08:15 - 09:30	HPE Executive Updates: Business Trends, Strategy and Portfolio Executive Guest Speakers	Bill Mannel, Stephen Wheat, HPE Gabriel Broner, HPE N. N.
	Invited Keynote Lectures	
09:30 - 11:15	Customer Keynotes / Technology Assessments	N. N.
11:15 - 11:45	Break	
	HPE Product Updates and Roadmaps	
11:45 - 13:00	Roadmap Updates and Positioning of HPE's HPC and Big Data-relevant Product Lines	Craig Yamasaki et al., HPE
13:00- 14:00	Lunch	
	Invited Customer Lectures and Case Studies: Segments and Solutions	
14:00 - 15:30	Key Customer Site Updates	N. N.
15:30- 16:00	Break	
	Key Partner Technology Updates	
16:00 - 17:00	Partner Technology Updates	N. N.
	Keynotes – Beyond HPC, The Machine, Gen-Z & Exascale / Gala Dinner	
17:00 - 17:55 17:55 - 18:00	HPE Technology Keynotes Plenary Closing Session	N. N. / HPE & HPE Labs Frank Baetke, HPE

19:00- 23:00	Gala Dinner for HP-CAST 28 Participants
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Saturday, June 17th – Tutorial Section

This section will be run as four parallel break-out sessions

TRACK "A": Accelerators, Processors, Software Environments (4h)		
08:00 - 08:45	Tutorial A1: Intel Tutorial	Chair: N. N., Intel
08:45 - 09:30	Tutorial A2: NVIDIA Tutorial	Chair: N. N., NVIDIA
09:30 - 10:00	Tutorial A3: Processor Technology Tutorial I	Chair: N. N.
10:00 - 10:30	Break	
10:30 - 11:00	Tutorial A4: Processor Technology Tutorial II	Chair: N. N.
11:00 - 12:30	Tutorial A5/A6: Application-Specific Accelerators and S/W Environments / Tools	Chair: N. N., HPE

TRACK "B": Big Data, Parallel File Systems, Object Storage and Data Analytics (4h)		
08:00 - 09:00	Tutorial B1: Apollo 4000 & LUSTRE® for HPC	Chair: N. N., HPE
09:00 - 10:00	Tutorial B2: HPC and Big Data Storage I	Chair: N. N., HPE
10:00 - 10:30	Break	
10:30 - 11:30	Tutorial B3: HPC and Big Data Storage II	Chair: N. N., HPE
11:30 - 12:30	Tutorial B4: Object Storage / Data Analytics	Chair: N. N., HPE

TRACK "L": Large Scale Shared Memory Implementation / Proliant Servers for HPC (2h)		
08:00 - 09:00	Tutorial L1: Super-Dome X and VSM Solutions	Chair: N. N., HPE
09:00 - 10:00	Tutorial L2: Proliant Server Update	Chair: N. N., HPE
10:00 - 10:30	Break	

TRACK "R": Rackable HPC (1h)		
10:30 - 11:30	Tutorial R1: Rackable Apollo Servers	Chair: N. N., HPE

TRACK "M": Mainstream HPC (1h)		
11:30 - 12:30	Tutorial M1: Apollo 6000 / 6500 HPC Servers	Chair: N. N., HPE

TRACK "I": Interconnect Technologies – Current and Future Products and Standards (2h)		
08:00 - 09:00	Tutorial I1: Interconnect Technologies	Chair: N. N., HPE
09:00 - 10:00	Tutorial I2: The Future Standard Gen-Z	Chair: N. N., HPE
10:00 - 10:30	Break	

Saturday, June 17th – Tutorial Section cont.

This section will be run as four parallel break-out sessions

TRACK "S": HPE Software Environments - HPC Middleware and Solutions (2h)		
10:30 - 11:30	<u>Tutorial S1: HPE Software for HPC</u>	Chair: N. N., HPE
11:30 - 12:30	<u>Tutorial S2: HPE Software for HPC Part 2</u>	Chair: N. N., HPE
12:30 - 13:30	Lunch	
TRACK "X": Innovative / Future Technology Assessments (1h)		
13:30 - 14:30	<u>Tutorial X: Innovative Technologies Update</u>	Chair: N. N., HPE
TRACK "C": Clouds for HPC (1h)		
14:30 - 15:30	<u>Tutorial C: Clouds for HPC</u>	Chair: N. N., HPE
TRACK "V": Visualization for HPC (1h)		
13:30 - 14:30	<u>Tutorial V: Visualization in HPC Environments</u>	Chair: N. N., HPE
TRACK "O": Architecture, Cartridges, Software and Applications for Moonshot (1h)		
14:30 - 15:30	<u>Tutorial O: Moonshot Technology Update</u>	Chair: N. N., HPE
TRACK "H": High End HPC Product Update – Apollo 8xxx (2h)		
13:30 - 14:30	<u>Tutorial H1: High End Product Family Update</u>	Chair: N. N., HPE
14:30 - 15:30	<u>Tutorial H2: High End HPC Experience</u>	Chair: N. N., HPE
TRACK "W": Workflow Solutions for HPC (2h)		
13:30 - 14:30	<u>Tutorial W1: Workflow for HPC</u>	Chair: N. N., HPE
14:30 - 15:30	<u>Tutorial W2: Workflow for HPC</u>	Chair: N. N., HPE
15:30 - 16:00	Break	
Special Session: HPE Internal Meetings (special invitation required)		
16:00 - 18:00	HPE Internal Meetings	Chair: N. N., HPE
Customer Forum / Large System SIG (LS-SIG)		
16:00 - 18:00	Customer Forum / Large System SIG (LS-SIG) Attention: Participation restrictions apply! Open Discussion of Progress, Suggestions, Issues and Problems	Chairs: Stephen Wheat, HPE, Nigel Barry, Airbus HPE HPC Customers and Representatives
18:00	HP-CAST 28 Adjourn	