

HP-CAST

High Performance - Consortium for Advanced Scientific and Technical Computing
World-Wide HPC, AI and Apollo Server User Group Conference
Hewlett Packard Enterprise - Datacenter Infrastructure Group (DCIG)
Grand Hyatt Denver, 1750 Welton Street, Denver, Colorado, USA

HP-CAST 29

Structural Agenda V1.0

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

Thursday, November 9th – Registration & Get-Together

18:00 - 22:00	Registration & Welcome Reception
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Friday, November 10th – Conference Section

08:00 - 18:00	Registration	
	HP-CAST Board and Executive Updates	
08:00 - 08:15	HPE-Liaison and Board Representative HP-CAST President	Frank Baetke, HPE Rudolf Lohner, KIT/SCC
08:15 - 09:30	HPE Executive Updates: Business Trends, Strategy and Portfolio Executive Guest Speakers	Bill Mannel, Stephen Wheat 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 AI/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	
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 29 Participants
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Saturday, November 11th – Tutorial Section

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

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

TRACK "B": Big Data, Parallel File Systems, Object Storage and Data Analytics (3h)		
08:00 - 09:00	<u>Tutorial B1: LUSTRE® for HPC</u>	Chair: N. N., HPE
09:00 - 10:00	<u>Tutorial B2: Big Data & Parallel File Systems</u>	Chair: N. N., HPE
10:00 - 10:30	Break	
10:30 - 11:30	<u>Tutorial B3: HPC and Big Data Storage Systems</u>	Chair: N. N., HPE
TRACK "V": Visualization for HPC (1h)		
11:30 - 12:30	<u>Tutorial V: Visualization in HPC Environments</u>	Chair: N. N., HPE

TRACK "L": Large Scale Shared Memory Implementation (1h)		
08:00 - 09:00	<u>Tutorial L: Super-Dome X and VSM Solutions</u>	Chair: N. N., HPE
TRACK "P": Proliant Servers for HPC (1h)		
09:00 - 10:00	<u>Tutorial P: Proliant DL Server Update</u>	Chair: N. N., HPE
10:00 - 10:30	Break	

TRACK "O": Apollo Portfolio for HPC (2h)		
10:30 - 12:30	<u>Tutorial O: Apollo HPC Series – From Compact Servers to High-End Systems</u>	Chair: N. N., HPE

TRACK "C": Clouds for HPC – Products and Solutions (2h)		
08:00 – 09:00	<u>Tutorial C1: Clouds for HPC</u>	Chair: N. N., HPE
00:00 – 10:00	<u>Tutorial C2: Clouds for HPC – Part 2</u>	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	Tutorial S1: HPE Software for HPC	Chair: N. N., HPE
11:30 - 12:30	Tutorial S2: HPE Software for HPC Part 2	Chair: N. N., HPE
12:30 - 13:30	Lunch	

TRACK “D”: Data Analytics and Machine Learning (2h)		
13:30 - 14:30	Tutorial D1: Data Analytics and Machine Learning	Chair: N. N., HPE
14:30 - 15:30	Tutorial D2: Data Analytics and Machine Learning - Part 2	Chair: N. N., HPE

TRACK “I”: Innovative / Future Technology Assessments (2h)		
13:30 - 14:30	Tutorial I1: Interconnect Technologies	Chair: N. N., HPE
14:30 - 15:30	Tutorial I2: The Future Standard Gen-Z	Chair: N. N., HPE

TRACK “H”: High-End Liquid-Cooled Products in Detail (1h)		
13:30 - 14:30	Tutorial H: High End Product Family Update	Chair: N. N., HPE

TRACK “M”: Architecture, Cartridges, Software and Applications for Moonshot (1h)		
14:30 - 15:30	Tutorial M: Moonshot Family Update	Chair: N. N., HPE

TRACK “W”: Workflow Solutions for HPC (2h)		
13:30 - 14:30	Tutorial W1: Workflow for HPC	Chair: N. N., HPE
14:30 - 15:30	Tutorial W2: Workflow for HPC – Part 2	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 29 Adjourn	
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