



6th HP High Performance Computing Open Source & Linux Technical Excellence Symposium for HP EMEA EG Presales & HP Channel Partners

HP Grenoble, 5 ave Raymond Chanas 38053 - Grenoble – France
17 - 21 March 2014

Event Objectives and format

The HPC OSL TES is a **technical knowledge transfer** event targeting the HPC ExpertOne community (both HP and Channel Partners), HP EG HPC & OSL Solution Architects, Pre-Sales consultants, OSL Advocates and OSL Profession members. **This event is an extension of the ETSS with a strong focus on Enterprise products and solutions for HPC, Open Source environments, Hyperscale, Big Data and Service Providers portfolio.**

During this symposium we'll cover the latest roadmaps, new products introduction, future technology trends and directions.

The HP HPC & OSL TES is organised by the EMEA Enterprise Servers Competency Centre, the EMEA HP Solution Innovation Centre, the Hyperscale business unit, OS Enablement and Business Development teams from the Industry Standard Servers business unit with the HP ExpertOne organisation.

The HP HPC & OSL TES initiative started back in 2007, making this year the 6th time it is hosted in Grenoble.

Why attend?

This Technical Excellence Symposium is **the HPC and OSL event of the year in EMEA**. Event scope is now enlarged to Hyperscale, Big Data, Moonshot, Open Source converged infrastructure and is a key component of the HP EMEA EG Presales Knowledge Transfer Strategy and develop HPC & OSL technical community building.

Network HP experts and specialists

Engage directly with industry luminaries and top HP executives to see how our innovations shape the industry and engineer success.

Technology: Product & solution updates, roadmaps and strategy insights

The TES provides the perfect environment for you to explore how HP can make you successful in the changing world of IT.

Get an update from our Top Management about **EG's business strategy** and deep dive into technology in over **110 breakout sessions**, informative live discussions and engaging demos covering the relevant EG portfolio.



Practice what you have learnt in over **15 Hands-on Lab & demo sessions**.

Visit the HP Moonshot Discovery Labs featuring Live lastet HP Technologies.

Sessions content is highly technical and addressed to experts and confirmed ExpertOne members.

The HPC OSL TES Sponsors

Meet with key industry influencers and see what HP and our partners are creating together.

See their innovations firsthand through dedicated sessions, demos and booths.

Socialize: Networking and contacts during two special evening events

We offer you various opportunities to exchange ideas, information and best practices. Move your business forward by networking with colleagues from different organisations and countries you rarely see and creating new relationships with peers and partners.

Agenda structure:

Event Overview: HPC & OSL Technical Excellence Symposium Q2FY14									
	Monday 17th		Tuesday 18th		Wednesday 19th		Thursday 20th		Friday 21st
TIME	HP Internal day	TIME	HP, ExpertONE CP	TIME	HP, ExpertONE CP	TIME	HP, ExpertONE CP	TIME	HP, ExpertONE CP
08:00 – 9:00	Registration opens	08:00 – 9:00	Registration opens	08:45 – 9:00	Welcome	08:45 – 9:00	Welcome	08:45 – 9:00	Welcome
09:00- 09:15	HPC & OSL TES opening session	09:00- 09:25	HPC & OSL TES opening session	09:00 09:50	R4	09:00 09:50	R9	09:00 09:50	R13
09:15 - 10:00	Internal Keynote	09:25 - 10:10	General Keynote	10:00 - 10:50	R5	10:00 - 10:50	Gold Sponsor keynote	10:00 - 10:50	Sponsor Round
10:10 - 11:00	Internal R1	10:10 - 11:00	Platinum Sponsor keynote	10:50 - 11:20	Break	10:50 - 11:20	Break	11:00 - 11:30	Break
11:00 - 11:30	Break	11:00 - 11:30	Break	11:20 - 12:10	Sponsor Round	11:20 - 12:10	Sponsor Round	11:30 - 12:10	R14
11:30 – 12:20	Internal R2	11:30 – 12:20	Sponsor Round	12:10 – 13:40	Lunch	12:10 – 13:40	Lunch	12:20 13:10	Closing session
12:20 - 13:50	Lunch	12:20 - 13:50	Lunch	13:40 – 14:30	R6	13:40 – 14:30	R10	13:10 – 14:00	Lunch
13:50 - 14:40	Internal R3	13:50 - 14:40	R1	14:40 – 15:30	R7	14:40 – 15:30	R11	Departure	
14:50 - 15:40	Internal R4	14:50 - 15:40	R2	15:30 – 16:00	Break	15:30 – 16:00	Break	14:00 - 1600 Optional: Labs repeated in Open Lab mode	
15:40 – 16:10	Break	15:40 – 16:10	Break	16:00 - 16:50	R8	16:00 - 16:50	R12		
16:10 - 17:00	Internal R5	16:10 - 17:00	R3	17:00 - 17:50	Meet the experts	17:00 - 17:50	Meet the Sponsors		
17:10 - 18:00	Round Tables	17:10 - 18:00	Bench & Intel center visits	18:00 - 18:20	Wrap up	18:00 - 18:20	Wrap up		
18:30 - 18:30	Break	18:10 - 18:20	Wrap up	19:00	Free Evening	19:30 - 23:00	Event dinner		
18:30 - 21:00	Welcome reception	1930 - 23:00	Platinum Dinner						

HP employees: the event will start on Monday, **17th March 2014 at 09:00am**.

(please refer to the specific communication addressed to HP employees).

HP sponsors and HP ChannePartners at TES: the event will start on Tuesday, **18th March 2014 at 9:00 am**.

All: the event will end on Friday, **21st March 2014 at 2:00 pm**. Optional OpenLabs sessions will be available Friday afternoon

Note: Session booking and hands-on lab booking will be available 4-6 weeks prior to event start and will allow you to select the sessions and hans-on lab sessions of your choice in advance.



Domains descriptions and high level session overview

Domains have been designed to address the needs and interests of attendees from a variety of backgrounds. Please note that session details below are still subject to change.

Software Defined Data Centre

- Power efficiency and sustainability in data centres
- Next generation of Performance Optimized Datacentres
- Intelligent datacentre infrastructure
- Networking present & future (I/O virt, 40-100Gb/s,...),
- SDN and OpenFlow
- Management software (OneView, HP SUM, Conrep)

HPC Architecture and Solutions

- The building blocks to Exascale
- HPC latest performance data
- News on verticals segment markets (e.g.trends in CAE, EDA)
- HPC projects best practices
- BigData news (Hadoop & HDFS 2.0, Yaarn, Falcon, Hadoop security, the Hadoop distributions)
- Parallel file systems advances (Scality, FhFS,...)
- HPC storage
- Insight CMU 7.2

HP Enterprise Group Technologies

- Next generation of ProLiant and Blades
- SL family of rack and servers (SL6700, SL8500)
- HP ProLiant DL580 Gen8,
- Next generation of Integrity server
- Photonic & Memristor
- Cold Storage: Hot new Architecture that scale to 100's of PetaBytes
- 3Par 7450
- Smart storage, new SmartArrays

HP Moonshot

- Solutions architecture and business cases
- New cartridges & interconnect
- Which cartridges for which workload

Open Source Converged Infrastructure

- UEFI/Secure Boot on HP ProLiant and lab
- Linux kernel news (community, network, crash analysis),
- Value add tools for ProLiant Linux
- Latest Linux RAS server features
- Linux distributions roadmap and support (RHEL, SLES, Ubuntu)
- HP Serviceguard for Linux 3rd phase
- RHEV plugin for Matrix,
- New style of Open Source IT (ITIL compliant tools, mainframe migration to Linux)



Open Source Cloud

- HP's involvement in Open Stack, the new core components benchmarking tools,
- Latest news around the Open Stack Havana and IceHouse releases,
- HP CloudOS detailed and Lab,
Neutron Interactions with NFV and SDN using the HP Flare controller.

The Grenoble Experience

- The Moonshot Discovery lab
- HPC Centre of Expertise
- The Innovation Solution Centre