Storage Summit 2015 Agenda (Final version)

Date : 3rd-4th, Nov

Venue : Huawei HQ A8, Shenzhen, China

Association Partner

Overview

Storage Summit is a showcase of the development and core technology evolution of the storage industry. Leading experts in the storage field will be invited from around the world to discuss the industry buzz and technology trend, and jointly promote innovation and development of storage technologies.

The 3rd Storage Summit will be held on November 3rd – 4th, 2015 in Huawei Headquarters located in Shenzhen China. About 20 top storage experts and researchers around the world and more than 200 Chinese technical experts will gather together to share their professional opinions on key innovations and opportunities of the storage field.

Trends and Key Value for Service Driven Storage (Moderator : Zhexuan Song)

Timeslot	Topic Title	Speaker
08:00-09:00	Register	
09:00-09:05	Welcome Speech	Huawei
09:05-09:40	A Journey to Hybrid Cloud Storage — a New Storage Technology Trend	**Wei Zha** Chief Architect of Storage Product line, Huawei
09:40-10:15	Spin-orbitronic Technologies of the Future: Storage by Magnetic Skyrmions, Spin-orbit-torque MRAMS, etc.	**Albert Fert** Honorary Professor at Univ. Paris Sud, Honorary Professor at Beihang Univ., Chief Advisor of Fert Beijing Institute in Beihang University **Nobel Prize Winner**
10:15-10:35	Coffee Break/Hands on Lab	
10:35-11:10	Storage Research Trends in Big Data Era	**David Hung-Chang Du**, **IEEE Fellow** Director of CRIS, Qwest Chair Professor of University of Minnesota, Minneapolis.
11:10-11:45	Rethinking Storage for an Increasingly Mobile, Social and Instrumented User Base	**Pankaj Mehra** VP & Sr. Fellow of Sandisk
11:45-12:25	Panel Discussion: Challenges and Opportunities for Service Driven Storage Systems	Moderator: **Chris Mellor**

(II) Agenda(3rd PM)——

Key Technologies of New Storage Architecture (Moderator : Wei Xiong)

Timeslot	Topic Title	Speaker
02:00-02:35	A Transactional Distributed NoSQL Database – Theory and Experience	**Alexander Reinefeld** Director of PDC, Zuse Institute Berlin, Professor of Humboldt-Universität zu Berlin
02:35-03:10	Unleashing the Future of Endless Possibilities with Innovative NVM Technologies	**Jerry Xu** General Manager of Intel PRC NVM Solutions Group, Intel
03:10-03:45	Docker and Storage 101: the State of the Art	**Robin Haswell** Founder &VP Product of ClusterHQ
03:45-04:10	Coffee Break/Hands on Lab	
04:10-04:45	Building High-performance Deduplication Storage Systems	**Dan Feng** Professor & Dean of the School of Computer Science and Technology, HUST
04:45-05:20	Modular Approaches in File System Development	**Eduard Shishkin** Principal Storage Architect at Huawei Technologies, ERC
05:20-06:00	Panel Discussion: Challenges for New Technologies of Storage Systems in the Future Cloud Computing and Data Center	Moderator : **Wei Xiong**

(III) Agenda(4ᵗʰ AM)——

Trends, Key Technologies and Application Practice of New Storage Media (Moderator : Ken Hu)

Timeslot	Topic Title	Speaker
09:00-09:35	The Long-term Future of Solid State Storage	**Jim Handy** General Director of Objective Analysis
09:35-10:10	The Future of Flash Storage	**Kevin Kilbuck** Director of NAND Planning, Micron
10:10-10:45	ST-MRAM, Uses Cases Present and Future	**Terry Hulett**, VP of Systems Engineering & GM Systems Solutions Group, Everspin
10:45-11:10	Coffee Break/Hands on Lab	
11:10-11:45	Unified Memory Bus to expand DDR4-DRAM space and to cluster DDR4-SSD and new NVM devices	**Xiaobing Lee** Chief Architect of Storage Algorithm, Hardware Engineering Institute, Huawei
11:45-12:25	Panel Discussion: Emerging Memories and Potential Applications	Moderator : **Ken Hu**

(IV) Agenda(4ᵗʰ PM)——

New Practice of the Next Gen Storage Systems (Moderator : Masood Mortazavi)

Timeslot	Topic Title	Speaker
02:00-02:35	Baidu Distributed Storage System	**Pengjun Lu** Principle Architect of Infrastructure Architecture, Baidu
02:35-03:10	Architecting Next Generation Storage Solution for Hybrid Cloud	**Stefan Bernbo** Founder and CEO of Compuverde
03:10-03:45	New Intelligent Storage Architectures and Patterns for Web Scale Applications	**Masood Mortazavi** Senior Director of IT Research Department at Huawei Technologies , US R&D Center
03:45-03:50	Close Speech	Huawei
04:20-05:00	Visiting to Huawei Enterprise Exhibition Hall	