

2013 OpenFabrics Alliance International Developer Workshop Presentations

Legend	OFA	Scalable Architectures	Enterprise
	Cloud	Big Data	Storage & Storage at a Distance

Get all presentations in a Zip file: [All days](#); [Monday, April 22nd](#); [Tuesday, April 23rd](#); [Wednesday, April 24th](#)

You can find [videos of the presentations](#) on the [InsideHPC site](#).

	Sunday, April 21	Monday, April 22	Tuesday, April 23	Wednesday, April 24
8:00 AM		Introductions, Workshop Goals, Controversies Speaker: Jim Ryan, OFA Chair	Innovative Topologies Speakers: Harry Quackenboss, Infinetics Ratko Tomic, Infinetics	Software Defined Datacenter Speaker: Josh Simons, VMware
8:30 AM		(8:15AM) Updates from User Day Speaker: Susan Coulter, LANL	Extending Verbs API Speaker: Tzahi Oved, Mellanox	RDMA in Virtual Environments Speakers: Bhavesh Davda, VMware Aaron Blasius, VMware
9:00 AM		(8:45AM) Evolving OFS for the Modern World - A Challenge to Attendees Speaker: Paul Grun, Cray	Alternative Approaches to Sockets over RDMA Speakers: Sean Hefty, Intel Jerry Stevens, IBM	Windows File Sharing High Performance RDMA Considerations Speaker: Tom Talpey, Microsoft
9:30 AM		Scaling OFA: Beyond RDMA? Speaker: Bill Magro, Intel	On-Demand Paging for User Space Networking Speaker: Liran Liss, Mellanox	On Suitability of High-Performance Networking API for Storage Speaker: Bernard Metzler, IBM
10:00 AM		Break	Break	Break
10:30 AM		Scaling with PGAS Languages Panel Moderator: Paul Grun, Cray Panelists: Howard Pritchard, Cray ; Mirko Rahn, Fraunhofer Institute; DK Panda, OSU ; Rich Graham, Mellanox; Robert Woodruff, Intel	Network Direct Update Speaker: Fab Tillier, Microsoft	Linux SRP Initiator for Reducing Fail-over Time in a H.A. Setup Speaker: Bart Van Assche, Fusion-io
11:00 AM		Rich Graham, Mellanox; Robert Woodruff, Intel	QCN w/Ethernet and RoCE Speaker: Liran Liss, Mellanox	SSD Higher Speed Devices Architectural Interconnect Impact Speaker: Johann George, SanDisk
11:30 AM		Update on Portals 4 Speaker: Brian Barrett, Sandia National Labs	NVM Express: Maturing Fast Speaker: David Akerson, Intel	Efficient interfaces to Take Advantage of SSDs. NVM Programming Architecture / Opportunities for Interconnect Speaker: Walt Hubis, Fusion-io
12:00 PM		Clouds at a Distance Speaker: Tom Coughlin, Coughlin Associates	High performance RDMA based design for Big Data and Web 2.0 memcached Speaker: DK Panda, OSU	Technology Advisory Council Speakers: Tom Stachura, Intel Diego Crupnicoff, Mellanox
12:30 PM				Building a Directional Consensus Speakers: Jim Ryan, OFA Chair Paul Grun, Cray
1:00 PM		Lunch	Lunch	Lunch OpenFabrics Alliance Interoperability Program Speaker: Rupert Dance, Software

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1:30 PM		Improving MPI scaling Speaker: Rich Graham, Mellanox	Accelerating Big Data over RDMA Speaker: Sreev Doddabalapur, Mellanox	Forge OFED Update Speakers: Tziporet Koren, Mellanox Robert Woodruff, Intel
2:00 PM		Challenges of Scale & MPI/PGAS APIs Speaker: Todd Rimmer, Intel	State of Ubuntu, OpenStack & OFED Testing and Development Speaker: Samantha Jian-Pielak, Canonical	System Administration Training Speaker: Rupert Dance, Software Forge
2:30 PM		OFS for the Intel Xeon Phi Speaker: Robert Woodruff, Intel	Cloud Computing for DOD Speaker: Virginia Ross, U.S. Air Force	Wrap-up, Feedback, Action Items Speaker: Jim Ryan, OFA Chair
3:00 PM		Break	Break	
3:30 PM		Scalable Subnet Administration Speaker: Sean Hefty, Intel	SSD-Assisted Designs for MPI Fault-tolerance and Accelerating Web 2.0 Speaker: DK Panda, OSU	
4:00 PM		InfiniBand Scalability for One-Sided Communication Speaker: Zarka Cvetanovic, HP	RDMA in Wide Area High Speed Area Networks Speaker: Linden Mercer, NRL	
4:30 PM		MVAICH2 and Intel MPI Implementations for MIC Speakers: DK Panda, OSU Bill Magro, Intel	Update on Lustre, OpenSFS and FastForward InfiniBand Speaker: Doug Oucharek, Intel	
5:00 PM	Registration / Badge Pick-Up	Completion Queue Handler Group for Scalable User Verb Applications Speakers: Guangyu Shi, Oracle Pallab Bhattacharya, Oracle		
5:30 PM		Ethernet over InfiniBand (EoIB) Speaker: Ali Ayoub, Mellanox		
6:00 PM		OFA Annual General Meeting Speaker: Jim Ryan, OFA Chair		
6:30 PM				
7:00 PM				
7:30 PM	Keynote Criteria for a Scalable Architecture Speaker: Mark Seager, Intel			
8:00 PM				
8:30 PM				
9:00 PM	Reception			