



## Annual Event Program, June 5<sup>th</sup> & 6<sup>th</sup>, 2014 - Lausanne Palace

### Day 1: Thursday June 5<sup>th</sup> 2014

Time		Author
17:00-17:30	Welcome / Badge Pickup	
17:30-18:30	Keynote: A Reconfigurable Fabric for Accelerating Datacenter Services	Doug Burger, Microsoft
18:30-20:00	Cocktail & Poster Session	

### Day 2: Friday June 6<sup>th</sup> 2014

Time		Author
08:00-08:30	Welcome / Badge Pickup	
08:30-08:45	EcoCloud Overview	Babak Falsafi
08:45-09:15	The High Performance IO Infrastructure of Modern Scalable Data Centers	Michael Kagan, Mellanox
<b>Session One – Datacenter Systems</b>		<b>Chair: David Atienza</b>
09:15-09:40	Towards Datacenter Systems	Edouard Bugnion
09:40-10:00	Scale-Out NUMA	Stanko Novakovic
10:00-10:20	X-Scale: A Storage-Agnostic Graph Processing System	Jasmina Malicevic
10:20-10:40	Robocop: Computing with Robust Clusters	Matej Pavlovic
10:40-11:00	BREAK	
11:00-11:30	Building Programmable Fabrics for Virtual and Physical Workloads	Maurizio Portolani, Cisco
11:30-12:00	The IBM-DOME 64bit $\mu$ Server Demonstrator	Ronald P. Luijten, IBM
12:00-13:00	LUNCH	
<b>Session Two – Scalability, Performance &amp; Efficiency</b>		<b>Chair: Martin Odersky</b>
13:00-13:25	Abstraction without Regret for High-Level High-Performance Programming	Tiark Rompf
13:25-13:45	Patterns for Generative Programming	Nada Amin
13:45-14:05	Bulk Memory Page Access Prediction and Streaming	Stavros Volos
14:05-14:25	Scalable Sparse Covariance Estimation via Self-Concordance	Anastasios Kyrillidis
14:25-14:55	FARM: Fast Available Remote Memory	Miguel Castro, Microsoft
14:55-15:15	BREAK	
<b>Session Three – Big Data &amp; Databases</b>		<b>Chair: Volkan Cevher</b>
15:15-15:40	Running with Scissors: Just-in-Time Big Data Bases	Anastasia Ailamaki
15:40-16:00	Squall: A Distributed Query Engine for Efficient Resource Allocation	Aleksandar Vitorovic
16:00-16:20	On the Holy Grail of Transactions - OLTP Scalability on Multicore Platforms	Pinar Tozun
16:20-16:40	Meet the Walkers: Accelerating Index Traversals for In-Memory Databases	Onur Kocberber
16:40-17:10	Computing in Space	Oskar Mencer, Maxeler