

October 14-16, 2014

Loews Annapolis Hotel

126 West Street
Annapolis, MD 21401

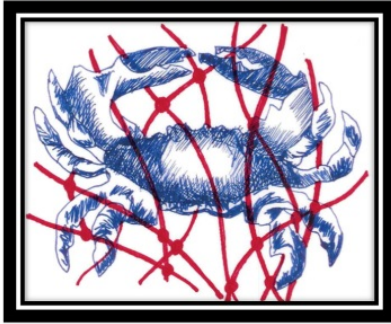
Chesapeake Large-Scale Analytics Conference

AGENDA

Tuesday, October 14, 2014

Talks: Ballroom B&C and Breaks: Atrium B&C

Time	Title	Speaker	Affiliation
7:30 - 8:30 a.m.	Breakfast (provided)		
8:00 - 8:30 a.m.	Registration Opens		
8:30 - 8:45 a.m.	Introductions	John Feo and Richard Murphy	PNNL and Micron
Session 1 – HPC System for Big Data Moderator: Jim Ang			
8:45 - 9:20 a.m.	HPC/Analytics, Memory Matters	Greg Astfalk	HP
9:20 - 9:55 a.m.	Supercomputers: dinosaurs that didn't go extinct yet or modern instruments that could boost data sciences?	Thomas Schulthess	CSCS
9:55 - 10:15 a.m.	Break		
10:15 - 10:50 a.m.	Breaking the Cycle – Automata Based Processing for HPC Workloads	Thomas Pawlowski	Micron
10:50 - 11:25 p.m.	The Data Vortex: a Novel Interconnect for Fine-grained Parallel Computing	Coke Reed	Data Vortex
11:25-12:00p	Panel Discussion		
12:00 - 1:30p	Lunch (provided)		
Session 2 Big Data, Big Problems Moderator: John Feo			
1:30 - 2:15 p.m.	Accelerating Discoveries with BIG DATA + BIG COMPUTE – Ways to Think about It?	Alok Choudhary	Northwestern
2:15 - 3:00 p.m.	Using Big Data to Detect Cybersecurity	Adam Fuchs	Sqrl
3:00 - 3:30 p.m.	Break		
3:30 - 4:15 p.m.	Mobile Exascale System	Steve Wallach	Convey
4:15 - 5:00 p.m.	Panel Discussion		
6:00 - 7:30 p.m.	Dinner (provided)		
7:30 - 9:00 p.m.	Reception		



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Wednesday, October 15, 2013

Talks: Ballroom B&C and Breaks: Atrium B&C

Time	Title	Speaker	Affiliation
Session 3 – Analytics in Practice Moderator: Richard Murphy			
7:30 – 8:30 a.m.	Breakfast (provided)		
8:30 – 9:15 a.m.	One Part Money ball, Two Parts Netflix: A Big Data Approach to Baseball Analytics	Vince Gennaro,	Major League Baseball
9:15 – 10:00 a.m.	Discrete Mathematical Approaches to Graph-Based Traffic Analysis	Cliff Joslyn	PNNL
10:00 – 10:30 a.m.	Break		
10:30 – 11:15 a.m.	Designing and Implementing a One Size Fits All High performance in-Memory Analytics	Hassan Chafi	ORACLE
11:15 – 12:00 p.m.	Panel Discussion		
12:00 – 1:30 p.m.	Lunch (on your own)		
2:15 – 6:00 p.m.	Free Time		
6:00 – 7:30 p.m.	Random Access	Moderator: Ron Oldfield	
7:30 – 9:00 p.m.	Reception		



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Thursday, October 16, 2014

Talks: Ballroom B&C and Breaks: Atrium B&C

Time	Title	Speaker	Affiliation
Session 4 – Big Data Requirements Moderator: Steve Pritchard			
7:30 – 8:30 a.m.	Breakfast (provided)		
8:30 – 9:15 a.m.	Characteristics of Big Data Applications and Scalable Software Systems	Geoffrey Fox	Indiana University
9:15 – 10:00 a.m.	Scalability Challenges for Geospatial Data Analysis	Bill Hart	SNL
10:00 – 10:30 a.m.	Break		
10:30 – 11:15 a.m.	Doing High Performance Computing to Protect a Free People	Skip McCormick	CIA
11:15 – 12:00 p.m.	Panel Discussion		
12:00 – 1:30 p.m.	Lunch (provided)		
Session 5 – Follow the Money Moderator: Sherry Marcus			
1:30 – 2:15 p.m.	Big Data Challenges	Luigi Mercone	Credit Suisse
2:15 – 3:00 p.m.	Big Data Analytics	Eric Suss	Morgan Stanley
3:00 – 3:30 p.m.	Break		
3:30 – 4:15 p.m.	Compliance and Big Data	Angelo Currelli	Goldman Sachs
4:15 – 5:00 p.m.	Panel Discussion		
6:00 – 9:00 p.m.	Reception		