

October 25-27, 2016

The Westin Annapolis

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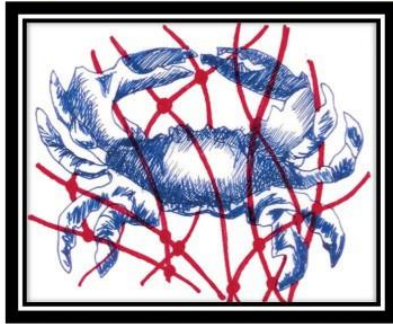
# Chesapeake Large-Scale Analytics Conference

## AGENDA

Tuesday, October 25, 2016

General Session location: Capitol D

Time	Title	Speaker
7:00 – 8:00 a.m.	Breakfast and Registration (Capitol AB)	
8:00 – 8:30 a.m.	Welcome	Jim Ang, AHSC
8:00 – 8:30 a.m.	George Cotter Award for Vision and Leadership in the Field of Data Analytics	John Feo, PNNL
8:30 – 9:15 a.m.	Keynote: Increasing Coherence Between Simulation and Data Analytics	Richard Murphy, Micron
8:30 – 9:15 a.m.	Keynote: Increasing Coherence Between Simulation and Data Analytics	Robert Leland, SNL
<b>Session 1: Applications 1</b>		<b>John Feo, Moderator</b>
9:15 – 10:00 a.m.	The Diverse Landscape of Streaming Analytics in Healthcare	David Holmes, Mayo Clinic
10:00 – 10:15 a.m.	Break (Capitol ABC Foyer)	
10:15 – 11:00 a.m.	Concepts, Challenges, and Direction for Analytics on the Wire	Ryan Quick, PayPal
11:00 – 11:45 a.m.	Knowledge Graphs - From Data to Insight	Sutanay Choudhury, PNNL
11:45 – 12:30 p.m.	Panel Discussion Lunch (Capitol AB)	
12:30 – 1:45 p.m.	Lunch (Capital AB)	
<b>Session 2: Applications 2</b>		<b>Ron Oldfield, Moderator</b>
1:45 – 2:30 p.m.	Data Analytics in Professional Motorsports	Donour Sizemore, Two Sigma
2:30 – 3:15 p.m.	Data Analytics and Communication Aspects of Connected Vehicles	Kakan Dey, West Virginia University
3:15 – 3:30 p.m.	Break (Capitol ABC Foyer)	
3:30 – 4:15 p.m.	Massive-Scale Streaming Analytics	David Bader, GA Tech
4:15 – 5:00 p.m.	Panel Discussion	
6:00 – 7:30 p.m.	Dinner and Special Session: HTMT 20 <sup>th</sup> Anniversary (Capitol AB)	Richard Murphy, Micron
6:00 – 7:30 p.m.	Dinner and Special Session: HTMT 20 <sup>th</sup> Anniversary (Capitol AB)	Candy Culhane, LANL
7:30 – 9:00 p.m.	Reception (Senate AB)	



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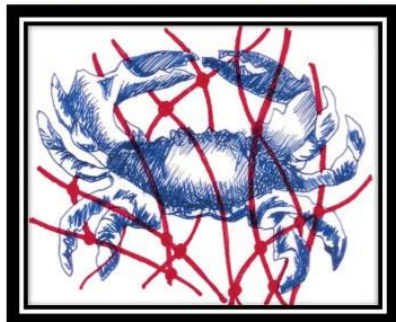
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# Chesapeake Large-Scale Analytics Conference

## AGENDA

Wednesday, October 26, 2016  
General Session location: Capitol D

Time	Title	Speaker
7:30 – 8:30 a.m.	Breakfast (Capitol AB)	
	Registration (Capitol ABC Foyer)	
8:30 – 9:15 a.m.	Keynote: Streaming Graph Analytics, Complexity, Scalability, and Architectures	Peter Kogge, Notre Dame
	<b>Session 3: Enabling Capabilities, Hardware</b>	<b>Candy Culhane, Moderator</b>
9:15 – 10:00 a.m.	Early FireHose and PageRank Results on GPUs, Introducing nvGRAPH	Joe Eaton, Nvidia
10:00 – 10:15 a.m.	Break (Capitol ABC Foyer)	
10:15 – 11:00 a.m.	Automata Processing: Massively-Parallel Acceleration for Approximate Pattern Matching and String Processing	Kevin Skadron, University of Virginia
11:00 – 11:45 a.m.	Neurologically Inspired Architectures and Algorithms for Stream Processing	John Naegle, SNL
11:45 – 12:30 p.m.	Panel Discussion	
12:30 – 6:00 p.m.	Free time: Lunch and Dinner (on your own)	
6:00 – 7:30 p.m.	<b>Random Access (Capitol D)</b>	<b>Flavio Villanustre, Moderator</b>
7:30 – 9:00 p.m.	Reception (Capitol C)	



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## AGENDA

Thursday, October 27, 2016

General Session location: Capitol D

Time	Title	Speaker
7:30 – 8:30 a.m.	Breakfast (Capitol AB)	
8:30 – 9:15 a.m.	Keynote: Towards a scalable, platform independent, user-friendly analysis framework for scientific and information oriented applications	James Ahrens, LANL
<b>Session 4: Methods</b>		<b>David Haglin, Moderator</b>
9:15 – 10:00 a.m.	After a Million Decisions – Reviewing the Performance of a Large-Scale Active Learning System	Zack Bennett, Lexis Nexis
10:00 – 10:15 a.m.	Break (Capitol ABC Foyer)	
10:15 – 11:00 a.m.	Streaming Benchmarks FIREHOSE and Experiences with WATERSLIDE	Karl Anderson, DoD
11:00 – 11:45 a.m.	Stateful Streaming in Distributed Memory Supercomputers	Jon Berry, SNL and Alexandra Porter, ASU
11:45 – 12:30 p.m.	Panel Discussion	
12:30 – 1:15 p.m.	Lunch (Capitol AB)	
<b>Session 5: Enabling Capabilities, Software Infrastructure</b>		<b>T.C. Tuan, Moderator</b>
1:15 – 2:00 p.m.	Streaming Analytics Demands from a Data Scientist's Perspective	J.T. Halbert, Preferred Systems Solutions
2:00 – 2:45 p.m.	BigDAWG: Managing Heterogenous Data and Streaming	Vijay Gadepally, MIT
2:45 – 3:00 p.m.	Break (Capitol ABC Foyer)	
3:00 – 3:45 p.m.	Neuromorphic Data Microscope	Dave Follett, Lewis Rhodes Labs
3:45 – 4:30 p.m.	Panel Discussion	
4:30 – 5:00 pm	Closing Remarks and Adjourn	
5:15 – 7:00 p.m.	Reception (Capitol C)	