

International Symposium on Big Data Computing (BDC 2014)

In conjunction with:

7th IEEE/ACM International Conference on Utility and Cloud Computing (UCC 2014)

<http://www.cloudbus.org/bdc2014>



Monday (12/08/2014)

Time	Description
9:00AM	Opening Ceremony (joint with UCC)
	Keynote (Joint with UCC)
9:30AM	Cloud Native Cost Optimization Adrian Cockcroft
10:30AM	Coffee Break (joint with UCC)
	Session 1 - Applications I Session Chair: Ilkay Altintas, University of California at San Diego
10:50AM	A Scalable Data Science Workflow Approach for Big Data Bayesian Network Learning Jianwu Wang, Yan Tang, Mai Nguyen and Ilkay Altintas
11:20AM	Progressive Data Stream Mining and Transaction Classification for Workload-Aware Incremental Database Repartitioning Joarder Kamal, Manzur Murshed and Mohamed Gaber
11:50AM	Monitoring Data Streams at Process Level in Scientific Big Data Centres Eileen Kuehn, Max Fischer, Christopher Jung, Andreas Petzold and Achim Streit.
12:10PM	The Impact of Basic Matrix Factorization Refinements on Recommendation Accuracy Parisa Lak, Bora Caglayan and Ayse Bener.
12:30PM	Lunch Break (joint with UCC)
	Keynote (Joint with UCC)
1:45PM	Clinical Intelligence & Integration – Tackling Large Data Analytics in Real Time: Oliver Vettel, Andreas Koop (F. Hoffmann-La Roche AG)
	Session 2 - Applications II Session Chair: Luiz Fernando Bittencourt, University of Campinas
2:30PM	Invited Talk: Bridging big data and data science using scalable workflows Ilkay Altintas
3:15PM	Associative Data Models for Scalable Mobile Cloud Data Representation and Processing Amirhossein Basirat and Asad I. Khan
3:35PM	A Biologically-Inspired Approach to Network Traffic Classification for Resource-Constrained Systems Brian Schmidt
6:00PM	Reception (joint with UCC)

Tuesday (12/09/2014)

Time	Description
	Keynote (Joint with UCC)
9:00AM	Medical Big Data on the Cloud : the eTRIKS mission Yike Guo, Imperial College London
10:00AM	Coffee Break (joint with UCC)
	Session 3 - Infrastructure Session Chair: Luis Tomas, Umea University
10:20AM	Big Data Staging with MPI-IO for Interactive X-ray Science Justin Wozniak, Hemant Sharma, Timothy Armstrong, Michael Wilde, Jonathan Almer and Ian Foster
10:50AM	A covering classification rule induction approach for big datasets Vasilis Kolias, Ioannis Anagnostopoulos and Eleftherios Kayafas
11:20AM	Genetic Algorithm based Data-aware High Throughput Group Scheduling for Big Data Clouds Kune Raghavendra, Pramod Kumar Konugurthi, Arun Agarwal, Raghavendra Rao Chillarige and Rajkumar Buyya
11:40AM	Characterizing the Communication Demands of the Graph500 Benchmark on a Commodity Cluster Pablo Fuentes, José Luis Bosque, Ramón Bevide, Mateo Valero and Cyriel Minkenbergh
12:00PM	Soccer Video Summarization using Video Content Analysis and Social Media Streams Said Jai Andaloussi, Mohamed Aboullaite, Nabil Madrane and Abderrahim Sekkaki.
12:30PM	Lunch Break (joint with UCC)
1:45PM	Invited Talk: Where Cloud and Big Data Intersect – An Industry Perspective J. Craig Lowery
	Session 4 - Best Paper Nominees Session Chair: Justin Wozniak, Argonne National Laboratory
2:30PM	GeoLens: Enabling Interactive Visual Analytics over Large-scale Scientific Data for Geosciences Jared Koontz, Matthew Malensek and Sangmi Pallickara
3:00PM	Big Data Computing for the Personalization of Services and its Application to Speech Recognition Jong Hoon Ahn
3:30PM	Are Clouds Ready to Accelerate Ad hoc Financial Simulations? Blesson Varghese and Adam Barker
4:00PM	Best Paper Award and Conclusions