

Day 1 – Monday, April 25, 2016

8:30 AM	Opening - Registration	
8:45 AM – 9:45 AM	Keynote 1 <i>Session Chair:</i> Dr. Mahmood Moussavi	Dr. Kristin M. Tolle. Discussing The Concepts of Big Data and Data Science and How They Can Be Facilitated by Using the Cloud
9:45 AM – 10:15 AM	Break	
10:15 AM	Session 1: Big Data Analysis and Management <i>Session Chair:</i> Gabi Jurca	Hari Kumar Nagabushanam, Karthikeyan Premkumar, Shivashankar S and Anand Varadarajan. Big Data Architecture for Telco BSS (I)
10:35 AM		Avimanyu Mukhopadhyay, Hyeongsik Kim and Kemafor Anyanwu. Towards Efficient and Scalable Exploratory Search on Big Knowledge Graphs Using Apache Spark (A)
10:55 AM		Mohammad Noaen, Zahra Shakeri, Behrouz Far and Guenther Ruhe. What Do Practitioners Say about Big Data? An Empirical Investigation of Stack Overflow (A)
11:15 AM	Session 2: Applications in Bioinformatics and Health Informatics <i>Session Chair:</i> Omar Addam	Emad Mohammed, Mostafa Mohamed, Christopher Naugler and Behrouz Far. Chronic Lymphocytic Leukemia Cell Classification (I)
11:35 AM		Selman Delil, Rahmi Nurhan Çelik and Murat Dunder. Understanding Health Service Delivery Using Spatio-Temporal Patient Mobility Data (A)
11:55 AM		Tamer Jarada. Time Series Analysis for the most Frequently Mentioned Biomarkers in Breast Cancer Articles (A)
12:15 PM	Lunch in Casio A & B	
13:30 PM	Session 3: Distributed Processing and Optimization <i>Session Chair:</i> Raoufeh Hashemian	Pushkar Jambhlekhar. Hybrid Parallel Model for Parallel implementation of Multi-objective particle swarm optimization (A)
13:50 PM		Ehsan M. Kermani, Uri M. Ascher and Chen Greif. Distributed Linear Programming with Generalized Map-Reduce (A)
14:10 PM		Zeinab Liaghat. Effect of Corpora Size on Performance and Efficiency for Natural Language processing (I)
14:30 PM		Gavin Liu. Data Coupled Meta-Modeling for Steam Assisted Gravity Drainage Production Forecasting/Optimization (I)
14:50 PM – 15:10 PM	Break	
15:10 PM – 17:30 PM	Tutorial 1	Konstantinos F. Xilogiannopoulos. Turning Dream into Reality: Big Data Mining & Analytics by Developing Super Algorithms for Commodity Computers
18:30 PM – 20:30 PM	Reception in ICT 516	

(A) = Academia (I) = Industry

International Symposium on Big Data Management and Analytics

BIDMA 2016

Calgary, Canada, April 25-26, 2016

Program Overview



BIDMA 2016

Day 2 – Tuesday, April 26, 2016		
8:30 AM – 9:30 AM	Keynote 2 <i>Session Chair:</i> <i>Dr. Behrouz H. Far</i>	Dr. Sean D. Kristjansson. Improving Drilling Efficiency Through Cloud-based Computing, Machine Learning and Multilevel Modelling
9:30 AM – 10:00 AM	Break	
10:00 AM	Session 4: Social Aspects of Big Data <i>Session Chair:</i> <i>Yasaman Amannejad</i>	Shaikhah Alotaibi and Juilta Vassileva. Implicit Social Networks for Social Recommendation of Scholarly Papers (A)
10:20 AM		Rn Uma and Sankarasubramanian Arumugam. Characterizing Yelp Users (A)
10:40 AM		Jiashu Zhao. Extracting Relevant Information from Big Data to Anticipate Forced Migration (Extended Abstract) (A)
11:00 AM	Session 5: Visualization <i>Session Chair:</i> <i>Tamer Jarada</i>	Mahshid Marbouti, Rahul Bhaskar, Zahra Shakeri, Craig Anslow, Leland Jackson and Frank Maurer. WaterVis: GeoVisual Analytics for Exploring Hydrological Data (A)
11:20 AM		Mohamed Khadra, Omar Charif, Naser El Sheimy and Quazi Hassan. GPM Mission Over A Semi-arid Area; An Example of Evaluating Big Geospatial Data (A)
11:40 AM		Amer Rasheed. Composite Visualization Features in PEVNET: A Framework for Visualization of Criminal Networks (A)
12:00 PM	Lunch in Casio A & B	
13:00 PM	Keynote 3 <i>Session Chair:</i> <i>Dr. Elham A.Z. Noughabi</i>	Dr. Amir Albadvi. Big Data Management beyond the hype: Case of developing economies
14:00 PM	Session 6: Data Analytics <i>Session Chair:</i> <i>Sepideh Afkhami</i>	Ian Hargreaves, Dylan Roth, Muhammad Rezaul Karim, Maleknaz Nayebi and Günther Ruhe. Effective Customer Relationship Management at ATB Financial A Case Study on Industry-Academia Collaboration in Data Analytics (I)
14:20 PM		Carson Leung. Big data analytics of social network data (A)
14:40 PM		Ayeshaa Abdulwaheed. Effective Personnel Selection and Team Building using Intelligent Data Analytics (A)
15:00 PM – 15:20 PM	Break	
15:20 PM – 17:30 PM	Tutorial 2	Emad Mohammed and Seyed Mohammad Pakdaman. Analysis of Large-Scale Data Using Hadoop and Spark
17:30 PM	Closing	
18:30 PM – 20:30 PM	Dinner at Atlas Restaurant	

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