	International Symposium on Big Data Management and Analytics **BIDMA 2019** **Program Overview**		
	Day 1 – Thursday, April 25, 2019		
8:30 AM – 8:45 AM	**Opening**		
8:45 AM – 9:45 AM	**Keynote I:** Dr. Mozhdeh Shahbazi, Department of Geomatics Engineering, University of Calgary: "Autonomous vehicles and applications in geomatics "		
9:45 AM – 10:00 AM	**Coffee Break**		
10:00 AM	David Tang, Waley Chen, Karmveer Sidhu, Mohammad Noaeen, Abdullah Sarhan, and Zahra Shakeri Hossein Abad	Comparing Deep Learning Techniques against Simple Machine Learning Algorithms for Gender Classification	S1: Data Mining Algorithms & Applications I Session Chair: Mohammad Moshirpour
10:25 AM	K. S. Law and Fu-lai Chung	Section-based Classification of Financial Institution Documents	
10:50 AM	Laree Block, David Haehlen, Alexander Krusina, Mohammad Noaeen, Abdullah Sarhan, and Zahra Shakeri Hossein Abad	Predicting Individual Star Ratings From Reviews on Yelp	
11:15 AM	Maryam Vahdat Pour and Hadi Hemmati	Finding Deviation on TensorFlow-Based Models Using Multiple Implementation	
11:40 AM	Mitchell Sawatsky, Chandler Bullock, Arshdeep Dhillon, and Tamer N. Jarada	Comparative Study on Different Methods in Sentiment Analysis	
12:05 PM - 13:30 PM	**Lunch**		
13:30 PM	K. S. Law and Fu-lai Chung	Leveraging Auxiliary Information for Document Structure Driven Classification	S2: Data Mining Algorithms & Applications II Session Chair: Tamer Jarada
13:55 PM	Francisco Huertas, Thomas Takahashi, Mohammad Mehdi Afsar, and Behrouz Far	Building Intelligent Distributed Systems with Jade and Spade	
14:20 PM	Munima Jahan, Zahra Shakeri Hossein Abad, and Behrouz Far	Detecting Overlap in Scenario-based Software Requirements using Predictive Models	

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Day 2 – Friday, April 26, 2019			
9:00 AM - 10:00 AM	**Keynote ll:** Dr. Behrouz H. Far, Department of Electrical and Computer Engineering, University of Calgary: "Practical use of analytics and machine learning in biomedical engineering and digital health"		
10:00 AM - 10:15 AM	**Coffee Break**		
10:15 AM	Fadi Salo, MohammadNoor Injadat, Ali Bou Nassify, and Aleksander Essex	Data Mining with Big Data in Intrusion Detection Systems: A Systematic Literature Review	S3: Big Data Algorithms & Applications Session Chair: Yasaman Amannejad
10:40 AM	Carson K. Leung, Nibrasul I. Ohin, Calvin Hoi, Nadège Pulgar-Vidal, Keaton MacLeod, and Abdul-Rasheed Audu	Exploration of Big Open Data for Predicting Bus Delay in Smart City Applications	
11:05 AM	Luke Iremadze, Jaskaran Sidhu, Kevin Unarce, and Tamer N. Jarada	Efficiency of Garbage Disposal in Smart Cities	
11:30 AM	Mark Barley, Luke de Wolf, Rachel Quapp, Tamer N. Jarada, and Reda Alhajj	Performance Comparison of Open Source Graph	
11:55 AM - 13:00 PM	**Lunch**		
13:00 PM	Shreyas Srinivasa Prasadh, Emad A. Mohammed, and Behrouz H. Far	Evaluation of Deep Convolutional Neural Network for White Blood Cells Identification	S4: Big Data in Health Session Chair: Sepideh Afkhami
13:25 PM	Sam Litowski, Umar Aftab, Alex Mantey, Abdullah Sarhan, and Zahra Shakeri Hossein Abad	Integrating Machine Learning into Early Detection of Diabetic Retinopathy using Retinal Images	
13:50 PM	M. Mehdi Afsar, R. Trafford Crump, and Behrouz H. Far	Next Generation Patient Decision Aids using Intelligent Multi-Agent System Technology	
14:15 PM	Sukhkirandeep Kaur and Roohie Naaz Mir	An Energy Efficient Multipath Routing Protocol for Wireless Sensor Network	S5: Big Data in Communication and Network Session Chair: Salim Afra
14:40 PM	Navdeep Singh Randhawa, Vishal Garg, and Mandeep Dhami	Enhancement of Proportional Scheduling in LTE Using Resource Allocation Based Proposed Technique	
15:05 PM	Vinayak Kohli, Ron Ruhl, and Pavol Zavarsky	Using Binary Class Anomaly Detection Techniques to Detect Compromised IoT Devices	
15:30 PM – 15:45 PM	**Closing Remarks**		