

2014 IEEE Symposium on Computational Intelligence in Big Data

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Wednesday, December 10

9:20AM-10:00AM

CIBD'14 Keynote Talk

Big Data and Analytics at Verizon
Ashok Srivastava

10:20AM-12:00PM

CIBD'14 Session 1: Big Data Applications

Chair: Yaochu Jin and Yonghong Peng

10:20AM	<i>Endmember Representation of Human Geography Layers</i>	1
	Andrew Buck, Alina Zare, James Keller and Mihail Popescu	
10:40AM	<i>Sparse Bayesian Approach for Feature Selection</i>	7
	Chang Li and Huanhuan Chen	
11:00AM	<i>High Level High Performance Computing for Multitask Learning of Time-varying Models</i>	14
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11:20AM	<i>Sentiment Analysis for Various SNS Media Using Naive Bayes Classifier and Its Application to Flaming Detection</i>	20
	Shun Yoshida, Jun Kitazono, Seiichi Ozawa, Takahiro Sugawara, Tatsuya Haga and Shogo Nakamura	
11:40AM	<i>Increasing Big Data Front End Processing Efficiency via Locality Sensitive Bloom Filter for Elderly Healthcare</i>	26
	Yongqiang Cheng, Ping Jiang and Yonghong Peng	

1:30PM-3:10PM

Special Session: CIBD'14 Session 2: Big Data Analytic for Healthcare

Chair: Norman Poh and David Windridge

1:30PM	<i>A Human Geospatial Predictive Analytics Framework With Application to Finding Medically Underserved Areas</i>	34
	James Keller, Andrew Buck, Mihail Popescu and Alina Zare	
1:50PM	<i>Challenges in Designing an Online Healthcare Platform for Personalised Patient Analytics</i>	40
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	Masood Zaka, Yonghong Peng and Chris W Sutton	

3:30PM-5:10PM

Special Session: CIBD'14 Session 3: Big Data Analytics in Traditional Chinese Medicine

Chair: Josiah Poon, Xuezhong Zhou and Runshun Zhang

3:30PM	<i>Mining the Prescription-Symptom Regularity of TCM for HIV/AIDS Based on Complex Network</i>	69
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	Guanli Song, Guanbo Song, Baoyan Liu, Yinghui Wang, Runshun Zhang, Xuezhong Zhou, Liang Xie and Xinghuan Huang	
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