The 14th International Conference on Semantics, Knowledge and Grids

12th-14th September 2018, Guangdong, China
Location: Guangdong Hotel
Address: 309 Dongfengzhong Road, Guangzhou, China. Zip: 510045 Tel: (8620) 83339933
www.knowledgegrid.net/skg2018

Sep. 12，2018
Location: Guangdong Hotel, Zhujiang Hall, 2nd Floor（三层珠江厅）

Time		
09:00 – 09:10	**Opening Session**	**Welcome (Prof. Hai Zhuge)**
09:10-10:10	**Prof. Jiannong Cao, Hong Kong Polytechnic University, China.**	**Towards Smart Internet-of-Things (Chair: Geoffrey Fox)**
10:10-11:10	**Prof. Xiangyang Li, Illinois Institute of Technology, USA.**	**IoT in the era of AI: Intelligence, Security , and Battery-free (Chair: Geoffrey Fox)**
10 min	**Tea Break**	
11:20-12:20	**Prof. Jiming Liu, Hong Kong Baptist University, Hong Kong.**	**From Invisible to Inevitable: Challenges in Data-Driven Discovery (Chair: Weichang Du)**

Time		
12:30	**Lunch: Ground Floor, Buffet**	
13:40-14:10	Invited Paper Session (Chair: Hai Zhuge)	
	Jiating Zhu and Jiannong Cao	Group Analysis by Visualized Distributional Representation for Resting-state Functional Brain Connectivity
	Xiaocui Li,Zhangbing Zhou	Multi-Attribute Query Processing Through In-Network Aggregation in Edge Computing
14:10-15:10	Session 1 (Chair: Zhangbing Zhou)	
	1 Chen Bo, Zhao Kang, Zhang Bing,Wu Cheng,Ma Changhui,Sui Yuefei	The Modalized Many-Valued Logic
	2 Hongtao Liu, Ouyang Mao, Long Chen, Xueyan Liu	Matrix Factorization Recommendation Algorithm Based on User Characteristics
	3 Bakhtiar Amen, Antoniou Grigoris	Collective Anomaly Detection Using Big Data Distributed Stream Analytics
	4 Alper Tufek, Ahmet Gurbuz, Omer Faruk Ekuklu, Mehmet S. Aktas	Provenance Collection Platform for the Weather Research and Forecasting Model
	5 Qinge Wang, Xiaofang Kuang, Weiwei Yan, Juan Yang	Extraction and Application of Cognitive Related Semantic Relationships
	6 Mingming Zhao, Min Li, Zhiyi Chen	Improve the curricula system of MOOCs via data
	7 Jingqiang Chen, Hai Zhuge	Extractive Summarization of Documents Containing Images Based on Multi-Modal RNN

Time		
15:10-16:10	Session 2 (Chair: Shahid M. Awan)	
	1 Aida Lahouij	A Formal Approach for Cloud Composite Services Verification
	2 Xianglong Chen, Chunping Ouyang, Yongbin Liu, Xiaohua Yang	A Hybrid Deep Learning Model for Text Classification
	3 Xiaoyang Hu, Genan Dai, Youming Ge, Zhiqing Ning, Yubao Liu	A Simplified Deep Residual Network for Citywide Crowd Flows Prediction
	4 Zibo Yi, Jie Yu, Shasha Li, Yusong Tan, Qingbo Wu	A Novel Misclassification Attack against Black Box Neural Network Classifiers
	5 Min Zhou, Shuzhuang Zhang, Yingjun Qiu, Hao Luo, Zhigang Wu	Tracking the Evolution of Community in IP Networks.

	6	Christian Urcuqui, Yor Castano, Jhoan Delgado, Andres Navarro, Javier Diaz, Beatriz Munoz and Jorge Orozco M.D.	Exploring Machine Learning to Analyze Parkinson Disease Patients
		Tea Break	
16:10-17:10		Session 3 (Chair: Jingqiang Chen)	
	1	M. Nabeel Asim, M. Wasim, Shahid M. Awan, M. Usman Ghani	Urdu Text Summarization For Single Documents
	2	Wen Zeng, Junsheng Zhang, Yunliang Zhang	Exploration on Chinese Term Recognition and Semantic Analysis of Scientific & Technical Literature
	3	Hongtao Liu, Lu yangyang, Lin He, Jie Jian, Chaoyue Zhao, Lulu Guo	BGLL - based attribution overlap community discovery algorithm
	4	Ilkay Melek Yazici, Erkan Karabulut, Mehmet S.	A Data Provenance Visualization Approach
	5	Huiyuan Lai, Yizheng Tao, Chunliu Wang, Lunfan Xu, Dingyong Tang, Gongliang Li	A Deep Architecture for Chinese Semantic Matching with Pairwise Comparisons and Attention-Pooling
	6	Cuntao Liu, Wendong Zhao, Chang Tian	A Method of Battlefield Information Fusion based on Structured Knowledge Concept Tree
18:00		**Dinner: Ground floor 红辣椒**	
		Sep. 13, 2018 **Location: Guangdong Hotel Zhujiang Hall, 2nd Floor（三层珠江厅）**	
09:00-10:00		**Prof. Geoffrey Fox, Indiana University, USA.**	**High-Performance Big Data Computing (Chair: Weichang Du)**
10:00-11:00		**Prof. Zhiwei Xu, Chinese Academy of Sciences, China.**	**Low Entropy Cloud Computing (Chair: Hai Zhuge)**
10 min		**Tea Break**	
11:10-12:10		Session 4 (Chair: Mengyun Cao)	
	1	Mudhafar Jalil Jassim Ghrabat, Guangzhi Ma, Chih Cheng	Towards Efficient for Learning Model Image Retrieval
	2	Xueyan Liu, Gui Sun, Hongtao Liu, Jie Jian	Social Network Influence Propagation Model Based on Emotion Analysis
	3	Qichen Ma	User Behaviour Network based User Role Mining of Web Event
	4	Natesha B V, Neeraj Sharma, Shridhar Domanal, Ram Mohana Reddy Guddeti	GWOTS: Grey Wolf Optimization based Task Scheduling at the Green Cloud Data Center
	5	Huang Xiao-Yu, Xian Zhengzheng, Zeng	Crowdsourcing with Fewer Workers
	6	Junsheng Zhang, Yan Yang, Zhaofeng Zhang, changqing Yao, Zhihui Liu, Cheng Dong	Mapping Science and Technology Innovation of China
	7	Mengyun Cao, Hai Zhuge	What Size of Language Unit Is Appropriate for Text Summarization?
12:30		**Lunch: Ground Floor, Buffet**	
13:40-14:40		**Prof. Weijia Jia, University of Macau**	**A Glance of Smart City Research at The University of Macau(Chair: Weichang Du)**
10 min		**Tea Break**	
14:50-15:50		Session 5 (Chair: Junsheng Zhang)	
	1	Saqib Qamar, Hai Jin, Ran Zheng, Parvez Ahmad	3D Hyper-dense Connected Convolutional Neural Network for Brain Tumor Segmentation
	2	Jie Jian, Xiaoming Yu, Jinchi Zhu, Xueyan Liu, Hongtao Liu	Study on Community discovery algorithm from the perspective of label influence propagation
	3	Asiri Mohammed Abdul Rahman Y, Liu Cheng, Mbembo Loundou Varus	Saudi Arabia and China Cooperation in OBOR Initiative
	4	Hongtao Liu, Lulu Guo, Long Chen, Xueyan Liu	Effective Similarity Measures of Collaborative Filtering Recommendations Based on User Ratings Habits
	5	Yu Zhu, Jiong Mu, Haibo Pu, Baiyi Shu	FRFB: Integrate Receptive Field Block into Feature Fusion Net for Single Shot Multibox Detector

	6 Xin Ding, Hui Zhang, Xiaoyu Guo	An Unsupervised Framework for Author-Paper Linking in Bibliographic Retrieval System

	Sep. 14，2018 **Location: Guangdong Hotel, Zhujiang Hall, 2nd Floor（三层珠江厅）**	
09:00-10:00	**Prof. Weichang Du, University of New Brunswick, Canada.**	**Semantic Social Network Analysis for Business Big Data (Chair: Geoffrey Fox)**
10:00-11:00	Session 6 (Chair: Shahid M. Awan)	
	1 Muhidin Mohamed, Mourad Oussalah	Semantic and Heuristic Based Approach for Paraphrase Identification (PI)
	2 Muhammad Adnan Rafi	Management of Multiple Types of Software Processes Based on the Resource Space Model
	3 Liu Kunhong	Design of Novel Genetic Algorithm Based ECOC
	4(s) Xiang Zhang, Daqin Xu	Data Driven Pattern Mining and Automatic Diagnostic Model A Case Study of Age Prediction by Blood Consititution
	5(s) Yilan Zhang, Yiqing Lu	Research on the Problems and Strategies of Rural E - commerce in the Age of Internet + Agriculture
	6(s) N. H Abd Rahim, M. A. F Hasnan	A Summarisation Tool for Hotel Reviews
	7(s) Xiaoxuan Liu, Juan Fang	The encryption algorithm platform based on the Linux operating system
10 min	**Tea Break**	
11:10-12:30	Session 7 (Chair:Muhammad Adnan Rafi)	
	1(s) Nima Jafarzadeh, Maurizio Palesi, Saeedeh Eskandari, Shaahin Hessabi, Mehdi gheisari	Presenting a new method for buffering fault tolerance in Network on Chip
	2(s) Bei Xu, Xiaodong Wang, Hai Zhuge	Using Abstraction Level in Question Answering
	3(s) Chang Chen, Xingping Sun, Xuekuo Jia	Bonus Points Alliance Based on the Block chain
	4(s) Jialing Liang, Lin Mu, Peiquan Jin	MGP: Extracting Multi-Granular Phases for Evolutional Events on Social Network Platforms
	5(s) Jianfeng Hou, Ruicheng Yan	Requirement Analysis of Operational Network Organization based on PDOA
	6(s) Yawen Zeng, Xing Liu	A-stock price fluctuation forecast model based on
	7(s) Jiade Chen, Bei Xu, Hai Zhuge	Research on Personalized Reading System Based on Interest Model

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