

Detailed Schedule

DAY 1

THURSDAY, NOVEMBER 16

Timetable	
13:00-18:00	Registration

DAY 2 (1)

FRIDAY, NOVEMBER 17

Timetable	Room A	Room B
9:20-9:50	Opening Ceremony Representative of Local Organizing Committee Prof. Jian Chen (<i>President of ISKSS, Tsinghua University, China</i>)	
9:50-10:50	Keynote Speaker 1: Minjie Zhang <i>(Chair: Jian Chen)</i>	
10:50-11:20	Coffee Break	
11:20-12:20	Keynote Speaker 2: Peter A. Gloor <i>(Chair: Xijin Tang)</i>	
12:20-14:00	Lunch (Lounge)	
	Parallel Sessions	
Session	Session 1: Complex System Modeling <i>(Chair: Minjie Zhang)</i>	Session 3: Social Media Processing <i>(Chair: Peter Gloor)</i>
14:00-15:30	Dynamics of Brand Acceptance Influenced by the Spread of Promotive Information in Social Media <i>Qian Pan, Haoxiang Xia and Shuangling Luo</i>	Forecasting the Duration of Network Public Opinions Caused by the failure of Public Policies: The Case of China <i>Ying Lian, Xuefan Dong, Ding Li and Yijun Liu</i>
	Complex Network's Competitive Growth Model of Degree-characteristic Inheritance <i>Hualu Gu, Xianduan Yang and Shouyang Wang</i>	Predicting Hashtag Popularity of Social Emergency by a Robust Feature Extraction Method <i>Qianqian Li and Ying Li</i>
	Modeling of Interdependent Critical Infrastructures Network in Consideration of the Hierarchy <i>Chenghao Jin, Lili Rong and Kang Sun</i>	Societal Risk and Stock Market Volatility in China: A Causality Analysis <i>Nuo Xu and Xijin Tang</i>
	Analysis on Influencing Factors on Cultivation of Graduate Innovation Ability Based on System Dynamics <i>Bing Xiao and Vira Chankong</i>	[Abstract] Research on Stock Price Forecasting Based on News Sentiment Analysis <i>Saiji Fu, Lingling Zhang, and Lingling Zhang</i>
15:30-16:00	Break	

DAY 2 (2)

FRIDAY, NOVEMBER 17

Timetable	Room A	Room B
	Parallel Sessions	
Session	Session 2: Multi-agent Simulation <i>(Chair: Tiejun Ma)</i>	Session 4: Information Science <i>(Chair: Chonghui Guo)</i>
16:00-17:30	[JSSI] Duopoly Competition between Chauffeured Car and Taxi: An Analysis of Pricing and Market Segmentation <i>Tong YANG, Jiangning WU and Jianjun WANG</i>	An alternative fuzzy linguistic approach for determining criteria weights and segmenting consumers for new product development: A case study <i>Sirin Suprasongsin, Van-Nam Huynh and Pisal Yenradee</i>
	[JSSI] Mobility pattern of taxi passengers at intra-urban scale: empirical study of three cities <i>Menqiao XU, Ling ZHANG, Wen LI and Haoxiang XIA</i>	[Abstract] A novel two-sided matching method for knowledge transfer based on grey system <i>Zhang Yuwen, Li Peng</i>
	[Abstract] Dynamics of the product space and nations' positions <i>Tiejun Ma</i>	A New Hybrid Linear-nonlinear Model based on Decomposition of Discrete Wavelet Transform for Time Series Forecasting <i>Warut Pannakkong and Van-Nam Huynh</i>
	A Kind of Investor-Friendly Dual-Trigger Contingent Convertible Bond <i>Wenhua Wang and Xuezhi Qin</i>	The Distributed Semantics of Extended Argumentation <i>Nguyen Duy Hung</i>
18:00-20:00	Welcome Reception	

DAY 3 (1)

SATURDAY, NOVEMBER 18

Timetable	Room A	Room B
9:10-10:10	Keynote Speaker 3: Yoshitsugu Hayashi <i>(Chair: Thanaruk Theeramunkong)</i>	
10:10-10:40	Coffee Break	
10:40-11:30	Keynote Speaker 4: Ryosuke Shibasaki <i>(Chair: Teerayut Horanont)</i>	
11:30-12:20	Keynote Speaker 5: Vilas Wuwongse <i>(Chair: Thepchai Supnithi)</i>	
12:20-14:00	Lunch (Lounge)	
	Parallel Sessions	
Session	Session 5: Healthcare and Big Data <i>(Chair: Jiamou Liu)</i>	Session 7: Knowledge Science and Engineering <i>(Chair: Thepchai Supnithi)</i>
14:00-15:30	Sequence-based Measure for Assessing Drug-Side Effect Causal Relation from Electronic Medical Records <i>Tran-Thai Dang and Tu-Bao Ho</i>	An ontology-based knowledge framework for Software Testing <i>Shanmuganathan Vasanthapriyan, Jing Tian and Jianwen Xiang</i>
	MANDY: Towards A Smart Primary Care Chatbot Application <i>Lin Ni, Chenhao Lu, Niu Liu and Jiamou Liu</i>	Concept Name Similarity Measure on SNOMED CT <i>Htet Htet Htun and Virach Sornlertlamvanich</i>
	A Multi-Center Physiological Data Repository for SUDEP: Data Curation, Data Conversion and Workflow <i>Wanchat Theeranaew, Bilal Zonjy, James McDonald, Farhad Kaffashi, Samden Lhatoo and Kenneth Loparo</i>	[JSSI] Generating Storyline with Societal Risk from Tianya Club <i>Yugai JIA, Xijin TANG</i>
	Comparative Study of Using Word Co-occurrence to Extract Disease Symptoms from Web Documents <i>Chaveevan Pechsiri, Renu Sukharomana</i>	[Abstract] Dynamic Control Model for Knowledge Transfer in Industry-university Cooperation <i>Jie Wu, Jiangang Wang, Yongxing Sheng, Peng Li, and Qinfen Shi</i>
15:30-16:00	Coffee Break	

DAY 3 (2)

SATURDAY, NOVEMBER 18

Timetable	Room A	Room B
	Parallel Sessions	
Session	Session 6: Data Mining and Text Mining <i>(Chair: Vincent C.S. Lee)</i>	Session 8: Knowledge Management and Innovation <i>(Chair: Jiangning WU)</i>
16:00-17:30	Emergency Attribute Significance Ranking Method Based on Information Gain <i>Ning Wang, Haiyuan Liu, Huaiming Li, Yanzhang Wang, Qiuyan Zhong, and Xuehua Wang</i>	The Effect of Task Allocation Strategy on Knowledge Intensive Team Performance Based on Computational Experiment <i>Shaoni Wang, Yanzhong Dang and Jiangning Wu</i>
	Mining Online Customer Reviews for Products Aspect-based Ranking <i>Chonghui Guo, Zhonglian Du and Xinyue Kou</i>	[Abstract] Science and Technology Preview Based on Intelligent Convergence in Open Network Environment <i>Lingling Zhang and Minghui Zhao</i>
	An Empirical Analysis of the Chronergy of the Impact of Web Search Volume on the Premiere Box Office <i>Ling Qu, Guangfei Yang, Donghua Pan</i>	[Abstract] Differential Game Model for knowledge flow in University-Industry collaborative innovation <i>Yu Yu and Qinfen Shi</i>
	[JSSI] Conceptualizing Mining of Firm's Web Log Files <i>Ruangsak Trakunphutthirak, Yen Cheung and Vincent C.S. Lee</i>	[Abstract] A SAT View on Technological Capability Structure of China's Automobile Firm - The Case Study of GAC Group <i>Man Huang</i>
17:30-18:00	Closing Session Prof. Xijin Tang <i>(General Secretary of ISKSS, CAS Academy of Mathematics and Systems Science of Mathematics and Systems Science, China)</i>	
18:20-20:20	Banquet (Dinner cruising on Chao Phraya River)	

DAY 4

SUNDAY, NOVEMBER 19

Timetable
Technical and Cultural Visit and Committee Meeting