

2018 5th International Conference on Information Science and

Control Engineering

ICISCE 2018

Conference Program

Henan Shengshi Civil Aviation Hotel



July 20-22, 2018, Zhengzhou, China

Technically Co-Sponsored by

IEEE Computer Society, USA

Sponsored by

Henan University of Science and Technology, China

Swinburne University of Technology, Australia

Hunan University, China

Wayne State University, USA

Zhengzhou University of Light Industry, China

Minjiang University, China

Beijing University of Civil Engineering and Architecture, China

Xiamen University, China

China Jiliang University, China

Iwate Prefectural University, Japan

Hunan University of Humanities, Science and Technology, China



Message from the ICISCE 2018 General Chairs

ICISCE 2018 is the 5th International Conference on Information Science and Control Engineering, will be held from July 20-22, 2018, in Zhengzhou, Henan, China. The aim of the ICISCE 2018 is to provide an international conference for scientific research on Information Science and Control Engineering. ICISCE 2018 is Technically Co-Sponsored by IEEE Computer Society, and sponsored by Henan University of Science and Technology, Swinburne University of Technology, Hunan University, Wayne State University, Zhengzhou University of Light Industry, Minjiang University, Beijing University of Civil Engineering and Architecture, Xiamen University, China Jiliang University, Iwate Prefectural University, Hunan University of Humanities, Science and Technology. ICISCE 2018 is the next event in a series of highly successful the International conference on Information Science and Control Engineering, ICISCE 2012 (December 7-9, 2012, Shenzhen, China), ICISCE 2015 (April 24-26, 2015, Shanghai, China), ICISCE 2016 (July 8-10, 2016, Beijing, China), ICISCE 2017 (July 21-23, 2017, Changsha, China).

We would like to express our sincere thanks to the Program Chairs: Shaozi Li (Xiamen University, China), Ying Dai (Iwate Prefectural University, Japan), Daniel Neagu (University of Bradford, UK), Lichuan Geng (Xuchang University, China), all program committee members and all the additional reviewers for their valuable efforts in the review process, which helped us to guarantee the highest quality of the selected papers for the conference.

We cordially thank all the authors for their valuable contributions and the other participants of this conference. The conference would not have been possible without their support. Thanks are also due to the many experts who contributed to making the event a success.

Prof. Shuzhong Song, Henan University of Science and Technology, China

Prof. Jinjun Chen, Swinburne University of Technology, Australia

Prof. Shaoming Fang, Zhengzhou University of Light Industry, China

ICISCE 2018 General Conference Chairs

Message from the ICISCE 2018 Program Chairs

Welcome to the 5th International Conference on Information Science and Control Engineering (ICISCE 2018), will be held from July 20-22, 2018, in Zhengzhou, Henan. ICISCE 2018 will be the most comprehensive conference focused on the Information Science and Control Engineering. ICISCE 2018 will provide an opportunity for academic and industry professionals to discuss recent progress in the area of Information Science and Control Engineering. In addition, the conference will publish high quality papers which are closely related to the various theories and practical applications on Information Science and Control Engineering. Furthermore, we expect that the conference and its publications will be a trigger for further related research and technology improvements in these important subjects.

For ICISCE 2018, we received many paper submissions, after a rigorous peer review process, only very outstanding paper can be accepted for the ICISCE 2018 proceedings, published by the IEEE Computer Society. All submitted papers have undergone blind reviews by at least two reviewers from the technical program committee, which consists of leading researchers around the globe. Without their hard work, achieving such a high-quality proceeding would not have been possible. We take this opportunity to thank them for their great support and cooperation. We also would like to thank all of you for your participation in our conference, and also thank all the authors, reviewers, and organizing committee members.

Thank you and enjoy the conference!

Prof. Shaozi Li, Xiamen University, China

Prof. Ying Dai, Iwate Prefectural University, Japan

Prof. Daniel Neagu, University of Bradford, UK

Prof. Lichuan Geng, Xuchang University, China

ICISCE 2018 Technical Program Committee Chairs

Committees

General Conference Chairs

Prof. Shuzhong Song, Henan University of Science and Technology, China
Prof. Jinjun Chen, Swinburne University of Technology, Australia
Prof. Shaoming Fang, Zhengzhou University of Light Industry, China

General Conference Co-chairs

Prof. Qun Jin, Waseda University, Japan
Prof. Ming Dong, Wayne State university, USA
Prof. Jian Wang, Tongji University, China
Prof. Chunming Gao, Hunan University, China
Prof. Dimitrios Rigas, University of West London, UK
Prof. Zhixin Chen, Beijing University of Civil Engineering and Architecture, China

Technical Program Committee Chairs

Prof. Shaozi Li, Xiamen University, China
Prof. Ying Dai, Iwate Prefectural University, Japan
Prof. Daniel Neagu, University of Bradford, UK
Prof. Lichuan Geng, Xuchang University, China

Publicity Chairs

Prof. Zhumu Fu, Henan University of Science and Technology, China
Prof. Yiannis Papadopoulos, University of Hull, UK
Prof. Gabor Kiss, Obuda University, Hungary
Prof. Neil Y. Yen, University of Aizu, Japan

Publication Chairs

Prof. Shaozi Li, Xiamen University, China
Prof. Ying Dai, Iwate Prefectural University, Japan
Prof. Yun Cheng, Hunan University of Humanities, Science and Technology, China
Prof. Jianwei Ma, Henan University of Science and Technology, China

Organization Chairs

Prof. Qingtao Wu, Henan University of Science and Technology, China
Prof. Yanfeng Wang, Zhengzhou University of Light Industry, China
Prof. Dongqing Xie, Guangzhou University, China
Prof. Huijuan Lu, China Jiliang University, China
Prof. Zuoyong Li, Minjiang University, China

Advisory Committees

Prof. Jian Wang, Tongji University, China
Prof. Jinjun Chen, University of Technology, Sydney, Australia
Prof. Xiaohong Jiang, Future University Hakodate, Japan
Prof. Yi Liu, PKU-HKUST Shenzhen-Hong Kong Institution, China
Prof. Laurence T. Yang, St. Francis Xavier University, Canada
Prof. Dongqing Xie, Guangzhou University, China
Prof. Oscar Lin, Athabasca University, Canada
Prof. Mengrong Xie, Qinghai University, China

Program Committee

Ankur Singh Bist, Mohla pahari darwaga, Dhampur-District Bijnor, (U.P) INDIA

Basabi Chakraborty, Iwate Pref. University, Japan

Bing Xie, Peking University, China

Binqi Li, Jimei University, China

Bo Fan, Henan University of Science and Technoloty, China

Bofeng Zhang, Shanghai University, China

Changjing Lu, Sanming Univercity, China

Chaokun Yu, Minjiang University, China

Chen Wang, Huazhong University of Science and Technology, China

Chunmin Gao, Hunan University, China

Dagmar Habe, Fraunhofer Institute for Industrial Engineering, Germany

Daniel Tse, City University of Hong Kong, Hong Kong

David Ramamonjisoa, Iwate Pref. University, Japan

David Tein-Yaw Chung, Yuan Ze University, Taiwan

Davide Ciucci, Italy

Duansheng Chen, Huaqiao University, China

Feng Liu, University of Wisconsin, Madison, USA

Feng Zhao, Huazhong University of Science and Technology, China

Feng Zhu, Zhangzhou Normal University, China

Gabor Kiss, Obuda University, Hungary

Gansen Zhao, South China Normal University, China

Gaoping Wang, Henan University of Technology, China

Georg Peters, Germany

Gongde Guo, Fujian Normal University, China

Goutam Chakraborty, Iwate Pref. University, Japan

Guangtao Wang, Xi'an Jiaotong University, China

Guolong Chen, Fuzhou University, China

Guo-Ruei Wu, Toko University, Taiwan

Hai Huang, Zhejiang Science Technology University, China

Haibin Zhu, Nipissing University, Canada

Haifeng Zhao, Anhui University, China

Harry H. Cheng, University of California, Davis, USA

Heng-Da Cheng, Utah State University, USA

Hiroshi Nakaiwa, NTT Communication Science Laboratories, Japan

Hitoshi ISAHARA, Toyohashi University of Technology, Japan

Hongming Cai, Shanghai Jiaotong University, China

Hongwei Mo, Harbin Engineering University, China
Hongzhi Song, South China Agricultural University, China
Huaiyu Dai, NC State University, USA
Huan Liu, Arizona State University, USA
Huijuan Lu, China Jiliang University, China
Imran Memon, Zhejiang University, China
I-Shyan Hwang, Yuan Ze University, Taiwan
Jen-Wei Huang, Yuan Ze University, Taiwan
Jeongbae Lee, Sunmoon University, Korea
Jianchu(Jason) Yao, East Carolina University, USA
Jianfei Cai, Nanyang Technology University, Singapore
Jianwei Ma, Henan University of Science and Technology, China
Jianxun Liu, Hunan University of Science and Technology, China
Jiazhong Chen, Huazhong University of Science and Technology, China
Jin Zhu, Tongji University, China
Jingtao Huang, Henan University of Science and Technoloty, China
Julie Yu-Chih Liu, Yuanze University, Taiwan
Jun Chang, Wuhan University, China
Jun Hakura, Iwate Pref. University, Japan
Jun Hu, Nanchang University, China
Jyrki Nummenmaa, University of Tampere, Finland
Kai Qin, University of Waterloo, Canada
Kaikai Chi, Zhejiang University of Technology, China
Keshou Wu, Xiamen University of Technology, China
Kittichai Lavangnananda, King Mongkut's University of Technology Thonburi, Thailand
Koji Mabuchi, Iwate Pref. University, Japan
Lei Wang, Dalian University of Technology, China
Lei Zhuang, Zhengzhou University, China
Li Yu, Fujian University of Technology, China
Lidong Lin, HongKong University of Science and Technology, China
Li-Shiang Tsay, North Carolina A&T State University, U.S.A
Liyong Chen, Fujian Normal University, China
Lizhen Cui, Shandong University, China
Ljiljana Trajkovic, Simon Fraser University, Canada
Masaki Kurematsu, Iwate Pref. University, Japan
Masaru Fukushi, Yamaguchi University, Japan
Min Xu, Xiamen University of Technology, China

Mingchu Li, Dalian University of Technology, China
Mir Sayed Shah Danish, University of the Ryukyus, Japan
Mohd Helmy Abd Wahab, Universitiy Tun Hussein Onn Malaysia, Malaysia
Neha Gulati, Panjab University, India
Pei-Chann Chang, Yuanzhi University, Taiwan
Pierre-Marc Jodoin, Université de Sherbrooke, Canada
Ping Wang, China University of Petroleum, China
Pin-Han Ho, University of Waterloo, Canada
Qingcong Lv, Shandong Gongshang University, China
Qingxiong Yang, UIUC, USA
Qingyuan Bai, Fuzhou University, China
Ran-Zan Wang, Yuan Ze University, Taiwan
Regin Cabacas, Kunsan National University, Korea
Richard Tzong-Han Tsai, Yuan Ze University, Taiwan
Rung-Bin Lin, Yuan Ze University, Taiwan
Ruonan Zhang, Northwestern Polytechnical University, China
Satyadhyam Chickerur, B V Bhoomaraddi College of Engineering and Technology, Hubli, India
Shangfei Wang, University of Science and Technology of China, China
Shaohua Teng, Guangdong University of Technology, China
Sheng Yang, Wuyi University, China
Sheng Zhong, Hainan University, China
Shuili Chen, Jiemei University, China
Shuyuan Chen, Yuan Ze University, Taiwan
Taoshen Li, Guangxi University, China
Tianqiang Huang, Fujian Normal University, China
Tiejun Lv, Beijing University of Posts and Telecommunications, China
Tingquan Deng, Harbin Engineering University, China
Tong Wang, Harbin Engineering University, China
Tzung-Pei Hong, National University of Kaohsiung, Taiwan
Vandana S. Bhat, SDM College of Engineering & Technology, Dharwad
Vitaliy Mezhuyev, University Malaysia Pahang, Malaysia
Wang Man, Xiamen University of Technology, China
Wang Xiaoliang, Nanjing University, China
Wangping Sun, Oregon Institute of Technology, USA
Wei jin Jiang, Hunan University of Technology, China
Wen-Cang Zhao, Qingdao University of Science and Technology, China
Wenfeng Wang, XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY CHINESE ACADEMY OF SCIENCES

Wu Bin, University of Electronic Science and Technology of China, China
Xiang-Gen Xia, University of Delaware, USA
Xiaohong Jiang, Future University Hakodate, Japan
Xuemin Chen, Texas Southern University, USA
Y.Nakamura, Future University Hakodate, Japan
Yanguang Cai, Guangdong University of Technology, China
Yi Liu, Tsinghua University, China
Yiqiang Chen, ICT, Chinese Academy of Sciences, China
Yiqun Hu, Australia
Yonggang Fu, Jimei University, China
Yonglin Liu, Wuyi University, China
Yongmei Li, Jiemei University, China
Yongmei Sun, Beijing University of Post and Telecommunications, China
Yu'an Liu, Beijing Institute of Technology, China
Yue Wang, Institute for Infocomm Research, Singapore
Yuezhi Zhou, Tsinghua University, China
Yun Cheng, Hunan Institute of Humanities, Science and Technology, China
Yundong Wu, Jimei University, China
Yungang Zhu, College of Computer Science and Technology, Jilin University, China
Yun-Hui Liu, Chinese University of Hong Kong, China
Zenghua Zhao, TianJin University, China
Zhenya Zhang, Anhui Institute of Architecture & Industry, China
Zhiming Lv, China University of Geosciences, China
Zhiqiang Yao, Fujian Normal University, China
Zhixin Chen, Beijing University of Civil Engineering and Architecture, China
Zhou Su, Waseda University, Japan
Zonghua Zhang, Institut TELECOM/TELECOM Lille1, France

Big Data Privacy Protection

Jinjun Chen

Deputy Director - Swinburne Data Science Research Institute

School of Software and Electrical Engineering

Swinburne University of Technology

Abstract:

While more and more data is being hosted on cloud, privacy protection is becoming increasingly worrying to the community. How to protect personal privacy in a timely manner and in an effective way is challenging given that there is huge amount of data records, data is transferred between different domains as well as different types of data is being hosted together. Especially, data privacy needs to be protected before data can be analyzed. In this talk, we will highlight our research in this area and main challenges we are trying to address.

Short Bio:



Dr Jinjun Chen is a Professor from Swinburne University of Technology, Australia. He is Deputy Director of Swinburne Data Science Research Institute, and Director of Data Systems and Advanced Analytics. He holds a PhD in Information Technology from Swinburne University of Technology, Australia. His research interests include scalability, big data, data science, data systems, cloud computing, data privacy and security, health data analytics and related various research topics. His research results have been published in more than 140 papers in international journals and conferences, including various IEEE/ACM Transactions.

He received UTS Vice-Chancellor's Awards for Research Excellence Highly Commended (2014), UTS Vice-Chancellor's Awards for Research Excellence Finalist (2013), Swinburne Vice-Chancellor's Research Award (ECR) (2008), IEEE Computer Society Outstanding Leadership Award (2008-2009) and (2010-2011), IEEE Computer Society Service Award (2007), Swinburne Faculty of ICT Research Thesis Excellence Award (2007). He is an Associate Editor for ACM Computing Surveys, IEEE Transactions on Big Data, IEEE Transactions on Knowledge and Data Engineering, IEEE Transactions on Cloud Computing, as well as other journals such as Journal of Computer and System Sciences.

Personal data meets blockchain: the key to privacy-enhanced sustainable use of our own data

Qun Jin,
Waseda University, Japan

Abstract:

In recent years, blockchain has received a lot of attention as one of the most promising technologies for changing our human society. Big data, particularly, personal big data, is regarded to be of great value. However, use of personal data may pose a critical risk to privacy. In this talk, we discuss the potentials and challenges to use blockchain to protect privacy while unlocking the value toward privacy-enhanced sustainable use of personal data.

Short Bio:



Qun Jin is a professor at the Networked Information Systems Laboratory, Department of Human Informatics and Cognitive Sciences, Faculty of Human Sciences, Waseda University, Japan. Dr. Jin has been extensively engaged in research works in the fields of computer science, information systems, and social and human informatics. He seeks to exploit the rich interdependence between theory and practice in his work with interdisciplinary and integrated approaches. His recent research interests cover human-centric ubiquitous computing, behavior and cognitive informatics, big data, data quality assurance and sustainable use, personal analytics and individual modeling, intelligence computing, blockchain, cyber security, cyber-enabled applications in healthcare, and computing for well-being. He has published more than 200 refereed papers in the world-renowned academic journals, such as ACM Transactions on Intelligent Systems and Technology, IEEE Transactions on Human-Machine Systems, IEEE Transactions on Systems, Man and Cybernetics: Systems, IEEE Transactions on Learning Technologies, IEEE Systems Journal, and Information Sciences (Elsevier), and international conference proceedings in the related research areas. Dr. Jin has been a general chair, program chair, and keynote speaker for a number of international conferences. He served as editor-in-chief, associate editor, editorial board member, and guest editor for many scientific journals, such as IEEE Transactions on Emerging Topics in Computing, IEEE MultiMedia, IEEE Cloud Computing, Information Sciences (Elsevier), and Future Generation Computer Systems (Elsevier). Dr. Jin is a senior member of Association of Computing Machinery (ACM), Institute of Electrical and Electronics Engineers (IEEE), and Information Processing Society of Japan (IPSJ).

Deep Mixture for Large-Scale Visual Recognition

Jianping Fan

Department of Computer Science

University of North Carolina – Charlotte, USA

Abstract:

In this talk, I will introduce our recent work published on PAMI, which is called deep mixture of diverse experts. First, a two-layer ontology is constructed to assign large numbers of atomic object classes into a set of task groups according to the similarities of their learning complexities, where certain degrees of inter-group task overlapping are allowed to enable sufficient inter-group message passing. Second, one particular base deep CNNs with M outputs is learned for each task group to recognize its M atomic object classes and identify one special class of “not-in-group”, where the network structure (numbers of layers and units in each layer) of the well-designed deep CNNs (such as AlexNet, VGG, GoogleNet, ResNet) is directly used to configure such base deep CNNs. For enhancing the separability of the atomic object classes in the same task group, two approaches are developed to learn more discriminative base deep CNNs: (a) our deep multi-task learning algorithm that can effectively exploit the inter-class visual similarities; (b) our two-layer network cascade approach that can improve the accuracy rates for the hard object classes at certain degrees while effectively maintaining the high accuracy rates for the easy ones. Finally, all these complementary base deep CNNs with diverse but overlapped outputs are seamlessly combined to generate a mixture network with larger outputs for recognizing tens of thousands of atomic object classes.

Short Bio:



Jianping Fan received the MS degree in theory physics from Northwestern University, Xian, China, in 1994 and the PhD degree in computer science from the Chinese Academy of Sciences, China, in 1997. He is now a professor with the UNC-Charlotte. From 1999 to 2001, he was a postdoc researcher with the Department of Computer Science, Purdue University. His research interests include image/video privacy protection, automatic image/video understanding, and large-scale deep learning.

Conference Schedule

Date	Time	B Hall (Second Floor) B 厅 (二楼)	Henan Shengshi Civil Aviation Hotel 河南盛世民航大酒店一楼大厅
2018-07-20	09:00-18:00		Registration
2018-07-21	08:40-18:00		Registration
	09:00-09:25	Opening Remarks	
	09:25-10:10	Keynote by Jinjun Chen	
	10:10-10:30	Coffee break	
	10:30-11:15	Keynote by Qun Jin	
	11:15-12:00	Keynote by Jianping Fan	
	12:00-13:20	Lunch	
	13:20-15:20	Oral Session A1	
	15:20-15:40	Coffee break	
	15:40-18:00	Oral Session B1	
	18:00-19:30	Dinner	
2018-07-22	08:20-18:00		Registration
	08:20-10:20	Oral Session C1	
	10:20-10:40	Coffee break	
	10:40-12:20	Oral Session A2	
	12:20-13:20	Lunch	
	13:20-15:40	Oral Session B2	
	15:40-16:00	Coffee break	
	16:00-18:00	Oral Session A3	
	18:00-19:30	Dinner	

Instructions for Presentations

Oral Presentation

Devices Provided by the Conference:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation (Tentatively): 20 minutes

Regular Oral Session: about 15 Minutes of Presentation, 5 Minutes of Q&A

Keynote Speech: 40 Minutes of Presentation, 5 Minutes of Q&A

Poster Session

Poster Session at outside of B Hall. The time at July 21-22, 2018

Devices Provided by the Conference:

Space and nails

Materials Provided by the Presenters:

90cm(h) × 60cm(b) poster

July 20, 2018

Registration 09:00-18:00

July 21, 2018

09:00—09:25 Opening Remarks and Take Photos

Welcome speech: Shuzhong Song

Moderator: Qingtao Wu

09:25-10:10 Keynote 1

Big Data Privacy Protection

Prof. Jinjun Chen

10:10-10:30 Coffee break

10:30-11:15 Keynote 2

Personal data meets blockchain: the key to privacy-enhanced sustainable use of our own data

Prof. Qun Jin

11:15-12:00 Keynote 3

Deep Mixture for Large-Scale Visual Recognition

Prof. Jianping Fan

12:00-13:20 Lunch

13:20-15:20 Oral Session A1

Session Chair: Enrico Laoh, Universitas Indonesia

12348	Vocational and Technological Teachers' Need for Trans-Disciplinary Teaching	Chun-Mei Chou, Chien-Hua Shen, Hsi-Chi Hsiao, Tsu- Chuan Shen
12458	Tracing Coding Behavior Patterns by Function-Calling Features of Code	Qi-Cheng Hu, Zhe-Chang Zhang, Cai Fu, Yu-Hang Li and Lan-Sheng Han
12469	Toward Socially Optimal Bitcoin Mining	Zhen Li, Qi Liao
12470	Parallel Computing: Review and Perspective	Yuxiang Li, Zhiyong Zhang
12504	Studying the Bounds on Required Samples Numbers for Solving the General Approximate Common Divisors Problem	Xiaoling YU, Yuntao WANG, Chungen XU, Tsuyoshi TAKAGI
12513	A Survey on Privacy Preserving Association Rule Mining	Lili Zhang, Danmei Niu, Yuxiang Li, Zhiyong Zhang
12536	A Note on the Convergence of NURBS Curves When Weights Approach Infinity	Mao Shi

12549	Equilibrium decision research on closed-loop supply chain network based upon carbon emission rights constraint and risk aversion	Zhang Chenghua, Xu Jing, Cheng Faxin
-------	--	--------------------------------------

15:20-15:40 Coffee break

15:40-18:00 Oral Session B1

Session Chair: Syahril Ardi, Politeknik Manufaktur Astra

12345	An Implementation Method of Interactive Operation Based on Accurate Spatial Calculation for Desktop Virtual Maintenance Training System	Bailin Li, Yan Liu, Yi Li, Ziyi Xu, Zhaohui Li
12392	Improved Ramptime Current Control Strategy	Mingwei Gao, Yanchao Ji, Jianze Wang
12499	Analysis of the Effectiveness of Generator-Network Cooperative Planning Scheme Based on Monte Carlo Simulation of Power System Refinement Scene	Lei Zhou, Qian Yang ,Jianxue Wang, Jietan Zhang
12500	Coordinated control system of multi-level belt conveyors for promotion the energy efficiency based on IoT-Technology	Fei Zeng, Zhe-yang XIE
12503	Intelligence information collection system of garment manufacturing based on RFID	Yaping Xu, Jishu Zhang
12507	Observer-based control of bilateral teleoperation with time delay	Tianlin Zhu and Yijun Zhang
12508	Network-based Synchronization of Mechanical Robot Systems	Dawen Ye and Yijun Zhang
12548	Intelligent Collision Detection With Dynamic Obstacles in 2D and 3D Space Based on Human Behavior	Elmir Babovic, Dragica Radosav, Denis Music, Jasmin Azemovic

18:00-19:30 Dinner

July 22, 2018

08:20-10:20 Oral Session C1

Session Chair: Bekhadda Nacera, Beijing Institute of Technology

12352	A Fault Propagation Model for FPGA Netlist with Un-reconvergence Paths	Jian Wang, Zhe Chen and Jinzhi Lu
12419	Multimodal Biometric Person Recognition by Feature Fusion	Lin Huang, Chenxi Yu, Xinzhe Cao
12421	Bimodal Biometric Person Recognition by Score Fusion	Lin Huang, Chenxi Yu, Xinzhe Cao

12441	Acoustic Analysis of the Open End Effect using Solid Vocal Tract Models Constructed from MRI Data during Vowel Production	Zhao Zhang, Jianguo Wei, Ju Zhang, Kiyoshi Honda
12483	Thread-Level Speculation: Review and Perspectives	Yuxiang Li, Zhiyong Zhang, Lili Zhang, Danmei Niu
12496	Frequency Offset Insensitive Multiple Symbol Differential Detection Scheme for IEEE 802.15.4 BPSK receivers	Gaoyuan Zhang, Congyu Shi, Hong Wen, Longye Wang, Liang Song, and Runfa Liao
12502	A Selecting and Repairing Method for Service Routing in Mobile Social Network	Danmei Niu, Lili Zhang, Yuxiang Li, Zhiyong Zhang
12545	Reliability Guarantee Mechanism and Flat Communication Protocol Structure for Power System Protection Communication Networks in Energy Internet	WANG Zhihui, WANG Yang, Teng Ling, YANG Hong, CHEN Fang
12600	Risk Balancing Routing Assignment Mechanism Based on Service Importance	Ning Fu, Zhiqiang Wang, Sirui Pang, Jun Ma, Yuxiang Liu, Baoquan Liao, Biyao Li
12690	XScope: Memory Introspection based Malicious Application Detection	Lei Cui, Zheng Song, Yongnan Li, Zhiyu Hao
12694	Non-Orthogonal Multiple Access Networks with Energy Harvesting and Cooperative Communication	Weidong Guo

10:20-10:40 Coffee break

10:40-12:20 Oral Session A2

Session Chair: Isti Surjandari, Universitas Indonesia

12597	A General Modeling Framework of Combat-Oriented Communication Simulation System	ChenBin Du, MengLong Lin, Xiang Cao, YiPing Yao
12660	Mining Association Rules in Seasonal Transaction Data	Sabrina Kusuma Ayu, Isti Surjandari, Zulkarnain
12662	Research and Construction of Semantic Retrieval based on Knowledge Graph	Yuantao Kou, Yongwen Huang, Jiao Li, Guojian Xian
12663	Indonesian's Song Lyrics Topic Modelling using Latent Dirichlet Allocation	Enrico Laoh, Isti Surjandari, Limisgy Ramadhina Febirautami
12664	Mining Information Search Pattern on Website: A case study of educational institution	Rahmi Azitha, Isti Surjandari, Enrico Laoh
12665	Determining Characteristics of Popular Local Songs in Indonesia's Music Market	Limisgy Ramadhina Febirautami, Isti Surjandari, Enrico Laoh

12667	Sentiment Analysis for Mining Customer Opinion on Twitter: A Case Study of Ride-Hailing Service Provider	Zulkarnain, Isti Surjandari, Reggia Aldiana Wayasti
-------	--	---

12:20-13:20 Lunch

13:20-15:40 Oral Session B2

Session Chair: Zhumu Fu, Henan University of Science and Technology

12587	Event-triggered Control for Consensus of Delayed Multi-agent Systems with Randomly Occurring Nonlinearities and Uncertainties	Liuxiao Guo, Li Qiu, Yinghua Jin
12592	Prescribed performance control of the fractional-order chaotic economical system	Ling Li, Yeguo Sun
12595	Design of a position controller for PMSM with compensation of nonideal back-EMF effect	Ruichao Tao, Jie Ma, Zhao Chen, Hui Zhao
12634	Automation of Waste Treatment on the Washer Machine Based on PLC Control System in the Manufacturing Industry	Syahril Ardi, Muhammad Imam Tommy, Afianto
12675	The indoor wireless positioning system based on Ibeacon	Haitao Zhang, Mengmeng Zhang, Guifang Wu
12692	Event Triggered Control for Leader Following Consensus of Nonlinear Multi Agent Systems	Bekhadda Nacera & WU QingHe
12721	Design and Research on Glass Wall Cleaning Robot	Guifang Wu, Haitao Zhang, Liu'an Zhang, Bawei Zhang
12725	The positioning and anti-swing for crane based on smooth trajectory	Bo Fan, Wei-wei Zhang, Xiangming Wu, Qiqi Zhang and Xiaoming Song

15:40-16:00 Coffee break

16:00-18:00 Oral Session A3

Session Chair: Jianwei Ma, Henan University of Science and Technology

12670	Mining Web Log Data for News Topic Modeling Using Latent Dirichlet Allocation	Isti Surjandari, Asma Rosyidah, Zulkarnain, Enrico Laoh
12677	Comparing Artificial Neural Network and Failure Distribution Methods for Maintenance Scheduling: A Case Study of Wooden Door Industry	Vika Fariza, Zulkarnain, Isti Surjandari
12689	Extending Personal Computer Storages for Improved Access over Web Interfaces	Anuradha Wickraramarahchi, Vijini Mallawaarachchi
12695	Accelerating Storage System Performances with NVRAM Cache by Considering Storage Access Characteristics	Hyunkyung Choi, Hyokyung Bahn

12707	Research on Data Protection Based on Encrypted Attribute Access Control in Cloud Computing	Hua Zhang, Fang Lou, Hao Wang, and Zhihong Tian
12729	A Method for Building Shared Massive Heterogeneous IoT Data Environment	Wu Shanshan

Poster Session A

July 21, 2018 (13:20-18:00)

12342	Research on Simulation Method for Typical Scenes of Microgrid (Group) Access to Distribution Network	Zhijun Wu, Gang Hu, Weiguo He, Guanghui Hua, Changchun Cai
12343	Pulmonary Nodule Classification and Recognition Based on Sparse Representation Algorithm	Yangyang, Huhongping
12359	Oil spills identification in SAR image using mRMR and SVM model	Zhou Hui, Chen Peng
12363	Recognition Effects of Deep Convolution Neural Network on Smudged Handwritten Digits	Zhe Xu, Yusuke Terada, Dongbao Jia, Zonghui Cai, and Shangce Gao
12370	An Information hiding method based on conditional selection statement execution paths	HaiJun Qing, JiHong Huang
12378	An Algorithm for Improving the Accuracy and Real-time of Target Tracking	Di Ren, Bing Xu
12382	Scheme evaluation of automobile comprehensive performance based on grey clustering analysis	Zhendong Zhao
12384	Predicting Model about Next Crime of Serial Offender	Xinshe Qi, Guo Li, Xin Wang, Na Wang, Cuicui Gao
12397	Multi-UAVs Cooperative Reconnaissance Based on Improved Harmony Search Algorithm	Zhang Yao-zhong, Chen Lan
12400	Automatic Extraction Method for Specific Domain Terms Based on Structural Features and Mutual Information	Ming-Jie TIAN, Rong-Yi CUI, Zheng-Hao HUANG*
12402	Research on model of network rumor propagation	Shi Hengliang
12403	A Fast Image Matching Algorithm and The Application on Steel-label Recognition	Fei Deng, Linbo Wu, Chunlei Li, Feng Gao, Yuniang Yan
12404	Low Slow Small Aircraft Surveillance System Based on Computer Vision	Yifu Xu, Xiling Luo, Feixiang Luo

12405	Numerical Modeling Of Nonlinear Thermomechanical Processes In a Rod Of Variable Cross Section In The Presence Of Heat Flow, Heat Transfer and Lateral Thermal Insulation	Arshidinova M., Begaliyeva K., Kudaykulov A. and Tashev A.
12406	Effect of the compression ratio of die on the extrusion forming of the plastic pipes	Zhong Ren, Xingyuan Huang
12407	Research of A Pattern Matching Algorithm based on Statistical Eigenvalues	Yansen Zhou, Guanqi Ding
12408	Improved Semantic Similarity Method Based on HowNet for Text Clustering	Hongmei Nie, Jiaqing Zhou, Qi Guo, Zhiqi Huang
12410	Locust Image Segmentation by Fusion of Multiple Colors	Wenxia Zhang; Fengshan Bai
12412	A Method to Detect Stains in Digital Images of Ancient Works	An Linjie, Cao Haiqing, Yao Cuiyou, Zuo fangling, Zheng Boyi
12413	Using Information Uncertainty for Keywords Extraction in Language System	Rong Yan, Yunfei Pan
12416	A 2.5D Cancer Segmentation for MRI Images Based on U-Net	Ke Hu, Chang Liu, Xi Yu, Jian Zhang, Yu He, Hongchao Zhu
12417	Long Term Causality Analyses of Industrial Pollutants and Meteorological factors on PM2.5 concentrations in Zhejiang Province	Bocheng Wang, Shengjuan Liu, Quanquan Du, YanQin Yan
12422	Optimization Based Mono-Visual Inertial Odometry	Zhengyi Hu, Qingchang Tan
12423	A User Interface for Fast Architectural Shape Modeling Using Leap Motion Controller	Hongyan Wu; Jing Wang
12425	Research on Modeling of Thermal Control Loop	Zhang Yue, Zhang Fengnan
12426	The influence of the position of the D plate for the hydraulic pulper on the internal flow field	Qing-jun LIU, Yan-tao AN
12429	Arteriosclerosis Diagnosis Based on Support Vector Machine	Yue Zhang, Junjun Pan
12431	Modelling and Simulation of Vascular Tissue Based on Finite Element Method	Xiaohan Liu, Junfeng Yao

12439	Text Categorization by Weighted Features	Junfeng Fu, Liang Liang, Jinkun Zheng, Xin Zhou
12443	How to Measure the Performance of Automated Program Repair?	Yuhua Qi, Wenhong Liu, Weixiang Zhang and Deheng Yang
12445	Using Grey Wolf Hunting Mechanism to Improve Brain Strom Optimization	Shi Wang, Zonghui Cai, Yang Yu, Zhenyu Lei, and Shangce Gao
12452	A method to accelerate the training of WGAN	Qi Sun, Wei Wang
12453	Unmanned Working Face Remote Monitoring System based on B/S Architecture	Liu Cong; Jiang Jianguo; Zhou Zhongzheng; Ye Shu
12457	Research on Electricity Consumption Behavior of Electric Power Users Based on Tag Technology and Clustering Algorithm	Chunlin ZHONG, Jun SHAO, Fei ZHENG, Kaizhen ZHANG, Hui LV, Kunming LI
12459	Research on Technology Application and Security Threat of Internet of Things for Smart Grid	Donglan Liu, Xin Liu, Hao Yu, Wenting Wang, Xiaohong Zhao, Yang Zhao, Hao Zhang, Lei Ma, Dong Li, Qiyang Li
12464	Reliability Modeling for Complex System Based on Failure Network Digraph	Liu Jintong; Zhang Yingzhi
12467	Design and Implementation of a Heterogeneous Database Synchronization Mechanism Based on the Netgap	Fei Xu, Zhaolin Wu, Feng Wen, Jianfeng Tang
12475	A Task Scheduling Mechanism Based on Quartz of Power Consumption Information Acquisition System	Wei Yu, Fei Liu, Zheng Xiong, Shubo Liu
12479	Rotary Encoder based Self-Positioning Method for Mobile Robot	Xu Cui, Jin-xiang Wang
12486	Lane Keeping of Intelligent Vehicle under Crosswind Based on Visual Navigation	Zeng Li, Gaojian Cui, Shaosong Li, Xiaodong Wu, Zheng Li
12488	Labeled Bilingual Topic Model for Cross-Lingual Text Classification and Label Recommendation	Ming-Jie TIAN, Zheng-Hao HUANG, Rong-Yi CUI*
12494	Hybrid traffic identification based on sequential pattern mining	Fang Fang, Chunming Ye
12495	Computational Investigation of Ethanol and Bi-fuel Applied in GDI Engine	Xinguang Li, Haibo Dong, Adam Michael Blake
12501	FPGA-BASED IMAGE STORAGE IN FLASH LIDAR	Guoqing Zhou, Jinlong Chen, Xiang Zhou, Pengyun Chen, Lieping Zhang, Wei Huang, Jiandong Wei

12505	The use of NoSQL in product traceability system construction	Chunsheng Hu, Xuejun Zhu*, Yang Zhou
12511	A Deep Fully Convolution Neural Network for Semantic Segmentation Based on Adaptive Feature Fusion	Anbang Liu, Yiqin Yang, Qingyu Sun, Qingyang Xu
12512	Process Online Checking Model of Internetwork Based on Time Petri Net	Min Song, Zhengxian Wei
12514	Assessing network clustering based on a near-realistic model	Mei Juan, Zhao Ji
12516	3D waveform oscilloscope implemented on coupled FPGA-GPU embedded system	Nan Hu, Xuehai Zhou, Xi Li, Chao Wang
12519	An Improved PPVO Data Hiding Scheme	Wenqiang Zhao, Bailong Yang, Kai Kang
12520	A Method of Underwater Acoustic Signal Classification Based on Deep Neural Network	Zhengxian Wei, Yang Ju, Min Song
12521	A Cheat-Proof Secret Sharing Scheme Based on Algebraic Codes	GANG DU
12522	Prospect of Photovoltaic System Safety Monitoring and Fault Diagnosis Technology based on PV Cloud Data Platform	Zhongfeng Wang, Jing Bian, Peng Ji, Jun Liu, Yonghua Zhang, Zhikai Wang
12523	Phenotype Prediction of Pathogenic Nonsynonymous Single Nucleotide Polymorphisms in Insulin with Bioinformatics Tools	Guangjian Liu, Shu Zhang, Xuejiao Fan, Huimin Xia, Huiying Liang
12525	Research on Airport Safeguard Mission Planning Method Based on Discrete Event	Shen Hao , Wang Yong, Yang Hai-gen
12527	Research on Energy Saving of High Pressure Water Descaling Based on NLPQL Optimization Algorithm	SONG QIANG-qiang, CEN YU-wan, BAO JIA-han, HUANG JIAN-zhong
12533	Fire Alarm for Video Surveillance Based on Convolutional Neural Network and SRU	Yang Zhikai, Bu Leping, Wang Teng, Ouyang Jineng, Yuan Peng
12535	Research on a Method for Mobile Robot Localization	Chunrong Wang, Erdong Xia *, Jianjun Liu, Changjiong Xiong
12537	Well-posedness Exploration of Solutions for a Class of Coupling Partial Differential Equations*	Mingming Sun, Jun Yue
12550	Iterative Reweighted Quantile Regression Using Augmented Lagrangian Optimization for Baseline Correction	Quanjie Han, Silong Peng, Qiong Xie, Yifan Wu, Genwei Zhang

12563	Classification of Benign and Malignant Pulmonary Nodules Based on Deep Learning	Lasheng Zhao, Xiaopeng Wei, Qiang Zhang
12567	Partially Obervable Multi-agent RL with Enhanced Deep Distributed Recurrent Q-Network	Longtao Fan, Yuan-yuan Liu, Sen Zhang
12569	Research on 3D Reconstruction Optimization Method for High-speed Flying Object Based on Multi-granularity Matching	Longtao Fan, Tingting Yang, Sen Zhang
12570	Research on Multi-source Detection Method of Underwater Target Based on Improved Evidence Theory	Longtao Fan, Chao Jin, Sen Zhang
12579	Low Bits: Binary Neural Network For Vad and Wakeup	Dandan Song, Shouyi Yin, Peng Ouyang, Leibo Liu, Shaojun Wei
12580	The Design of Inland River Ship Microservice Information System based on Spring Cloud	He Shaobo, Zhao Lining, Zhang Bozhong
12585	An Improved Algorithm for Intervisibility Judgment Based on RSG	Menglong Lin, Chenbin Du, Xiang Cao, Yiping Yao
12586	Simulation and Modeling of Station and Shooting Model of Free Kicks	Jing-jing Guo, Ying-jie Liang, Bo-yun Liu, Bei-lei Shi
12591	Fault Prediction Method for Distribution Network Outage based on Feature Selection and Ensemble Learning	Wen Zhang, Wanxing Sheng, Keyan Liu, Songhuai Du, Dongli Jia, Lijuan Hu
12602	Monitoring and warning of lawn trampling behavior in surveillance video	Xu Cui, Jin-xiang Wang
12603	Research on Performance Diagnosis Method of Power User Eleco Energy Data Acquire System Based on Semi-supervised Learning	Shubo Liu, Wei Yu, Zheng Xiong, Fei Liu
12604	A study on forward problem for surface-hole measurement data of polarization sphere	Qingxin MENG, Xin LI
12610	Research on dynamic soil pressure of earth dam with polymer anti-seepage wall	Jia Li, Shuo Chen, Jingwei Zhang
12631	A novel stacked regression algorithm based on slice transform for small sample size problem in spectroscopic analysis	Yifan Wu; Silong Peng; Qiong Xie; Quanjie Han
12632	Research on Multi-robot Task Allocation Based on BP Neural Network Optimized by Genetic Algorithm	Xuefeng Dai, Jiazhi Wang, Jianqi Zhao
12637	Quantitative Correlation and Causality Analysis on the Cause of Haze in Henan Province	Yanqin Yan, Quanquan Du, Shengjuan Liu, Bocheng Wang

12642	Study on Ride Comfort of the Articulated Dump Truck	Zhang Xueyan
12644	Mental Fatigue Detection Based on Multi-Inter-Domain Optical Flow Characteristics	Qiumin Ji, Ling Zhang
12646	Design and Implementation of Carrier landing Runway Simulation System	Mingyan Zhang, Wei Wang, Yue Meng, Hao Han
12648	A Real-time Monitoring System for Data Center Thermal Efficiency Analysis	Ting Liu, Jianxiong Wan, Zeeshan Rasheed, Wei Xiong, and Xiaodong Yuwen
12661	The Electricity Sales Forecasting Based on Leading Analysis and Factor Compensation	Yuze Chen, Jiakui Zhao, Jian Liu, Yuxi Liu, Xuemin Fang, Hong Ouyang, Bao Yuan, Xiubin Huang, Mingzhu Wang
12672	Parameterized Synthetic Image Data Set for Fisheye Lens	Zhen Chen, Anthimos Georgiadis
12674	Graph Attention LSTM Network: A New Model for Traffic Flow Forecasting	Wu Tianlong;Chen Feng;Wan Yun
12676	Data Masking System based on Ink Technology	Fucheng You, Chenwei Zhang, Yue Cao, Hechen Gong, Chenhan Zhang, Jianpeng Liao
12678	Two variants of the full Steiner tree construction Problems	Haiyan Wang, Binchao Huang, Jianping Li
12681	Detecting Abnormal Events Using Locality-Sparse Tensor Reconstruction on Covariance Descriptors	Guanyu Quan
12683	Short-term Traffic Flow Forecasting Using ARIMA-SVM Algorithm and R	Zengxiao Chi, Lin Shi
12686	Wavelet Chaotic Neural Network with Function Disturbance and Its Application	Yaoqun XU; Jian LIU
12687	Subjective and objective comprehensive evaluation of cockpit operation efficiency based on virtual reality	Pang Jiazhen, Fang Yu, Ji Baoning, Wang Jianhan
12691	Influence of Complex Terrains on Electric Field Under Overhead Lines	Zhenguang Liang, Yuze Jiang, Jinge Hong
12697	Boosted RVM algorithm for imbalanced and noisy data	Wangchen Qin, Fang Liu, Quan Qi, Mi Tong
12698	A Mixed Mahalanobis Kernel for Sparse Bayesian Classification	Mi Tong, Fang Liu, Quan Qi, Wangchen Qin

12699	Evaluation of Large Data Analysis Function of Chinese National Knowledge Infrastructure Based on Mountain Tourism Research in China	Juan Wang, Siyuan Lou, Qingzhong Ming
12701	Construction of Machine News Production System Based on Graph Database and Natural Language Generating Technology	HAN Haiyun, ZHANG Pengzhou
12702	A novel method of detecting and locating the macula based on morphological features fitting	Xinrong Cao, Jiawen Lin, Lanyan Xue, Lun Yu
12703	A Modified Round-Robin Load Balancing Algorithm Based on Content of Request	Guoqing Liu; Xingxuan Wang
12704	The Factors Influence the Intention Use of Mobile Payment in Thailand E-commerce	Jin Nie, Wipapach Amarayoun
12706	PSO-KNN Algorithm Based on Association Mining and Its Application in Undergraduate Professional Selection Guidance	Hongyi Li, Wei Lin and Di Zhao
12710	ID Authentication in PTPM and Public Key Cryptography in Cloud Environment	Hui Xia
12713	A Feasible Method of Virtual Flow Field Simulation Part I: An Interface From Fluent to RTT	Qiang Li, Chengxuan Jiao, Changhai Yang, Zhao Zhang, Liyan Yang
12714	A Feasible Method of Virtual Flow Field Simulation Part II: Simulation and Visualization in RTT System	Qiang Li, Changhai Yang, Chengxuan Jiao, Zhao Zhang, Liyan Yang
12716	TONGUE IMAGE SEGMENTATION BASED ON THE SUB-BLOCK REGION GROWING ALGORITHM	Yishuan Huang, Qi Zhang, Zhanpeng HUANG
12723	Identification of cell pathology by Using Stacked Auto-Encoders Combination with Rotation Forest	MengLin Liu, Xin Yan, Lei Wang

Poster Session B

July 22, 2018 (8:20-12:20)

12362	Research on network scalability of energy management system in ship integrated power system	Yao Lu, Hanhong Jiang, Jie Wang, Teng Teng and Chen Deng
12366	Design and Analysis of an Integrated Drilling-and-coring Demolition and Rescue Accessory	Chunrong Wang, Jing Zhao *, Jiawei Wu, Erdong Xia
12372	Control System of a Wall Climbing Robot for Automatic Welding	Liu Xiaoguang, Zhou Yong, Jiang Xiaoming, Cao Lichao
12380	Research on Control Strategy of the Side Forklift Steering Movement Stability and it's Simulation Analysis	Tao Ping, Jin Xiaohong, Wu Hongming, Wu Ke

12385	Development of a Microcomputer Multifunctional TV Parallel Device	Tian-peng ZHANG, Ya-fang ZHAI
12399	Simulation and Evaluation of Voltage Sag in Distribution Network with High Permeability Renewable Energy	Dongli Jia, Keyan Liu, Xiaoli Meng; Yinglong Diao; Wen Zhang; Lijuan Hu
12449	Sensing Mechanism Of Magnetic Asphalt Road Materials	LV ZhiYong, REN FangYu, ZHANG SongSong, CHEN Rui, HE Rong
12455	Phased Array Ultrasonic Imaging Front-end T/R Hardware Circuit Design of Diving and Salvaging Helmet	LV ZhiYong, ZHANG SongSong, REN FangYu, CHEN Rui, WANG ChaoJie
12460	Discrete Transform Methods of Solutions of the fractional difference equations	Wu-Sheng Wang
12473	Dynamic Phasor Estimates based on improved Taylor weighted least squares	Zhao Qingsheng, Wang Xin, Cao Lei, Wang Xuping
12474	Mobile Robots Location and Mapping Based on Corner Features	Tingxing Yan, Yong Zhang
12481	Model predictive control approach on packet dropout prevention of networked control systems	Zhaohong Wang, Seiji Fukushima, Hachino Tomohiro
12484	Braking Force Distribution of Electric Vehicles Based on Fuzzy Control	Xiaodong Wu, Gaojian Cui, Shaosong Li, Bangcheng Zhang, Zeng Li
12492	Improved FMAC Based Adaptive Neural Power System Stabilizer for a DFIG	Bin Shen, Xiao-Ming Li, Jai-Kui Shi
12493	Research on Space Pose and Hydraulic System Stability of Remote-controlled Demolition Robot	WANG MING-zheng, LUO MING, CEN YU-wan, HUANG JIAN-zhong
12498	Fuzzy CMAC Nonsingular Sliding Mode Controller Design for a Robot Manipulator System	Ri Taehyong, Li Shurong, Kim Sungchan
12506	Guaranteed cost finite-time control of uncertain discrete-time positive switched systems with time delay	Leipo Liu, Hao Xing, Xiangyang Cao, Yaxing Liang
12515	Integrated Design of Structure and Control of Motor Servo System Based on Improved Gravitational Search Algorithm	Zimei Sun, Xuemei Ren, Luchao Wang and Tianyi Zeng
12526	Design of a multi-threaded positioning system software architecture for ground mobile robots	Meng Zhang, Yanjie Dai, Zongfeng Zhang, Wenchuan Sun, Xingwang Hu
12531	Location and Identification Method for Low Frequency Oscillation Source Considering Control Devices of Generator	CAI Xia, SHU Zhan, YANG Lixing, DENG Jing, ZHOU Ning, CHENG Simeng, TAO Xian

12532	Improve Power Flow Control and performance Analysis of MVDC Grid Connected PV System	Faisal Mehmood Shah, Abdul Rehman
12538	Quadrotor Formation Control Based on Geometric Method	Qiang Lv
12543	Outsourcing resource combinatorial optimization of complex product in cloud manufacturing	Yi Liu, Xixing Li, Lei Wang, Baigang Du
12546	A Low Cost Attitude and Heading Reference System	Zhang Qian, Wu Yilin
12547	Neural network-based AILC for nonlinear discrete-time system with iteration varying initial error and reference trajectory	Qing-Yuan Xu, Peng Xu
12551	Observer-based output-feedback controller design for nonlinear switched T-S fuzzy systems	Yangchen Zhu, Xiaona Song
12552	Research of Three Axis Tracking and Pointing Platform Servo Control System	LIU Shanzhong, HAN Pengna, LI Yanfan
12553	Research on the method of establishing intelligent headlamp model under double-factor weight	LIU Shanzhong, LI Ke, HAN Pengna
12554	Effects of Loading Process on Performance of Weight-fixed Loading Hydraulic System with Skip	Fuqiang Yang, Gee Yun
12556	Realization of Communication Security in Substation	Dedong Mei, Bin Zhou, Jie Zheng, Huayu Luo, Yanchun Yao
12558	Design and Analysis of Speed Control System for Test Motion Mechanism	Zhongjia Jin, Wenjian Yu, Cheng Sun, Sheng Liu
12568	Dynamic Trajectory Tracking Control of Mobile Robot	Longtao Fan, Yuanheng Zhang, Sen Zhang
12571	Topology and control of two-stage bidirectional AC/DC fault tolerant converter	Hengzhi Li, Jin Li, Shuyu Shang, Nan Jin
12572	Economic Optimization Control of Microgrid with Electric Vehicles	Tingting Xu, Hongliang Sun, Bin Zhu, Yi Long, Huicai Wang, Zhi Li
12577	Enhanced ICA-R Algorithm Based Steady Mixed Signals Separation	Liu-yang Gao; Xiang Chen; Na-e Zheng; Jing-Zhi Zhang; Ying-hua Tian
12583	Effect of wind gradient on the nonlinear dynamic properties of galloping of iced Ultra-High-Voltage long-span transmission lines	Zhao Bin, Cheng Yong-feng, Wang Jing-chao, Liu Bin, Chen Yu-shu

12588	Design and Analysis of Subsea Manifold Piping Systems	MA Qingli LIANG Wanwan ZHU Yongmei ZHAO Changyang
12590	Study on Swing-up Control of Rotary Inverted Pendulum Based on Energy Feedback	Zhang Xinrong, Ma Jie, Lin Lian, Lele Wang
12594	A Novel Self-Sensing Stacking Piezoelectric Actuator Based on Structural Integration	Xin Dong, Yuancai Yang, Chong Zhang, Xiaobiao Shan
12599	Predictive Functional Control Based on Sliding Mode Observer for Linear Motor Speed System	ZHOU Lei, LIN Jian, HUANG Jia-cai, WAN Qi, WANG Mu-lan
12605	Configurable and Modular Development of Multi-channel Motion Control Encoder Feedback System	Bingjie Zhao, Hualiang Zhang, Tao Zhang
12606	Influence of Random Road Surface Roughness to Servo System	Yuhe Song, Jun Wang, Jietao Xie, Zhiming Zhao
12629	Passivity analysis for neural networks of neutral type with Markovian jumping parameters and time-varying delay	Tao Wu; Lianglin Xiong; Jinlong Shu
12630	Complete Model for System with Uncertain Heavy Load Disturbance and Its Application	Bohan Lu
12638	Online Newton Step for Portfolio Selection with Side Information	Fanfan Yang, Xiangming Li, Jie Yang, Neng Ye
12651	Anti-interference Control of Unmanned Helicopter Based on Output Feedback	Gui Zhenxiang, Li Xiaojing, Ma Jianwei
12652	Design and Implementation of Multidimensional Display Power Market Configuration Graphics System	Peng Sun, ZiJian Yan, XiaoMei Liu, GuiYing Zhu, Yang Wang
12654	Research and Application of Gas Emissions Assessment System of Thermal Power Units	Shuang Wang, Yichuan Sha, Jing Cao, Yufeng Yang, Wei Cheng, Yaoqi Chen
12666	Intelligent energy scheduling model based on block chain technology	Shen Jian, Chen Li, Zhou Bin, Zhang Min, Zhou Shao Liang, Sun Jian Ping, Hou Zhe
12668	Multi-Objective Optimization of a PAN-TILT System for Multirotor UAV Application	Xiangyang Zhou, Junfeng He, Jun Zhu, Ruifang Yu
12671	Safety evaluation of personal injury and death in lifting operation based on accident tree analysis	Shan LIU, Keming YUE, Yu ZHANG, Lu LIU
12679	Research on Optimizing Technologies of testing the Verification Equipment for AC Electrical Energy Meters	Tian Xia, Cencen Liu, Ming Lei, Sike Wang, Xin Zheng

12688	Two-wheeled robot platform based on PID control	Jie Meng, Anbang Liu, Yiqin Yang, Zhe Wu, Qingyang Xu
12696	Research on strip head telescope control of hot strip coiling based on Orown uniform compression theory	Zhang Dazhi, Ren Lianlei
12700	Measurement of Location and Attitude for Bookstore Management Robot in Narrow Path	Li-Na Tang, Lin Li, Hao Su
12709	Parameters Tuning of TFM and Defect Detection of CFRP Sheet Based on Ultrasonic Array Probe	Huang Jun, Cao Li
12712	Research on Optimized Motion Control of Soccer Robot Based on fuzzy-PID Control	Jinzhu Lin, Tianwei Ni
12719	Driver Evaluation And Identification Based On Driving Behavior Data	Xin Lin, Kai Zhang, Wangjing Cao, Lin Zhang
12720	Research on Integrated Guidance and Control for Cooperative Distributed Multiple Flying Objects	Xiang Liu; Xiaogeng Liang

Poster Session C

July 22, 2018 (13:20-18:00)

12344	Research on an Improved Algorithm for Wireless Network Maximum Throughput Based on COPE Protocol	Kongqiang Ma, Xu He
12389	Investigation on gust generator experiment with two dimensions hot wire anemometry	Bo Zhu, Qin Liu, Xiaoli Qu, Yanan Shi
12391	A Portable 24GHz Doppler Radar System for Distant Human Vital Sign Monitoring	Po Li, Nan Huo
12393	The Design and Realization of Emergency Visual Command and Dispatch Communication Platform	Yang Lei, Fanliang Bu
12411	Research of brain network on deception identification using phase synchrony	Yijun Xiong, Junfeng Gao
12415	An Improved Digital Carrier Synchronization Method for UQPSK	Xinyuan Xia, Fei Gao, Xiaodong Han
12418	Research on A Method of Clock Synchronization of Power Users' Power Information Acquisition Terminal Based on A New Timing Algorithm	Ping Li, Xinjia Li, Zheng Xiong, Wei Yu, Yonghui Yan, Fei Liu
12428	Simulation of the Influence of Ground Screen Parameters on Antenna Radiation Performance in VHF Band	Xiaowei Yuan, Liang Dong, Min Wang, Shaojie Guo, Shuangyuan Chen, Shunmei Duan, Daiyong Yang

12430	The improved CESSC algorithm based on meanshift sparse subspace clustering for hyperspectral images	Wang ChengZhi, Ding Yun, Yang JiPan, YanQing, Zhang DeXiang
12434	A pilot-aided bit synchronization method for THz communication system	Zhijun Nie, Dekang Liu, Shiqi Song
12446	Research on Time Synchronization Technology for Wide-Area Measurement in the Distribution Network	Shijie Cui, Peng Li, Peng Zeng, Xiaotong Huang, Li Wang, Quan Xu
12448	A Fractional-order Memristive System with Time-delay and No Equilibrium Points	Jie Qiu, Dawei Ding, Yecui Weng, Xin Qian
12454	FPGA Implementation of High-speed LDPC Codec for Wireless Laser Communication	Xiaoshuai Jin, Hao Liu
12466	Evaluation method of “ contribution ” attribution of multiple source attribute of power supply quality problem	Liu Yi Jun, Zhang Jing
12476	A MAGDM Model with Multi-granular Probabilistic Linguistic Power	Juxiang Wang, Yezheng Liu, Xiuming Chen
12485	Influence of Oxide Scale on Continuous Casting Billet on Thickness Measurement by Electromagnetic Ultrasonic Transducer	Wang Zhi-chun,Sun Xue-dong,Yuan Wei
12487	Pulse eddy current testing thin metal thickness	WANG Zhi-chun, Hu Qing-nan, Lu Jun-wei
12489	Actuator Fault Detection of Satellite Based on Neural Network Observer	Li Lei, Wu Zhihuan, Gao Yongming, Zhang Xuebo
12490	Information Extraction in Frequency Domain Based on Entropy Theory and Genetic Algorithm in Near-Infrared Spectra	Dan Peng, Linqing Li, He Guo, Yanlan Bi, Guolong Yang
12497	An Ordered Interference Cancellation Detection Scheme for Oversampled OFDM System in Doubly Selective Fading Channels	Yue-Lei Xie, Wen-Shan Li, Jie Wan, Shan Ouyang
12510	Fault Risk Prevention Model of Distribution Network based on Hidden Markov	Diao Yinglong, Huang Renle, Wang Cunping, Jia Dongli
12518	Polymerization Methods of Systems-of-Systems Integration Effect Based on Choquet Integral	Hongjun Zhang, Zhengxian Wei
12529	Research on the intelligent vehicle terminal of taxi for energy measurement and metering – billing	Wang Chang, Wang Zhenhua, Zhang Ke, Wan Wei, Jing Zetao
12530	The Application of Deep Neural Network in Speech Enhancement Processing	Chen Jianming; Liang Zhicheng

12534	Design of Simulation Training System of Self-propelled Gun Based on Virtual Reality	Wu Mu-xin, Wang Yong, Yang Hai-gen, Lan Xiao-ping, Xin Wei-gang
12557	An Adaptive Localization Algorithm for WSN Based on Range	Yanhui Lv, Linna Wang, Deyu Zhang, Xinping Fang
12561	Design and Implementation of Strong Tracking Combined Filtering Algorithm for MEMS Gyroscope	Xin Wang; Lijie Zhang
12573	Exploration of Rail Defects Detection System	Yuanyuan Liu, Longtao Fan, Sen Zhang
12578	Mixed tensor product of q-Bezier-Poisson surfaces	Qing-Bo Cai
12582	A Time-Threshold-Based Dynamic Probability Scheme for Vertical Handoff in Cellular/WLAN Interworking	Jialin Cai
12633	Analysis and Study on the interference of wind farms to the New Generation Weather Radar echoes	ZhangQian, YangChuanfeng , XuHaijun, CuiYaqin, HanYajing, ZhaoChengcheng, LvQingli
12641	Resource-aware and Cross-layer Resource Allocation Mechanism for Power Wireless Access Networks	LuMin, Chen Yangling, ZhuHong, LinPeng
12645	Relay Station Planning Algorithm to Avoid Network Congestion for PLC Network	Baocheng Wang, Yafei Hu, Yu Xiao, Ke Xiao
12650	A new dynamic test method for amplitude frequency response of broadcast transmitter	shanshan li, Jian Zhou, Xuan Wang
12656	Sequential CI Fusion Steady-State Suboptimal Kalman Filter for Multiple Time-Delay Systems with Correlated Noises	Tianmeng Shang, Qi Liu, Yuan Gao, Yinglong Huo
12657	System Design and Experimental Research of Lower Esophageal Sphincter Manometry Based on Balloon Catheter	ChuanQing Zhu, WanJun Tao, XinChen Sun, LiLi Zhao, Min Wang, ZhiNing Fan, XiaoYing Lü, ZhiGong Wang
12659	Research on Multi-time Scale Battery Energy Storage Modeling Technology and Power Stabilization Strategy	Wei Xie; Pan Deng; Weijie Dong
12673	The Design and Implementation of Scenario Demonstration Software System for Intelligent Satellite Artificial System	Zhang Chi, Yang Jun
12680	The Design of Automatic Testing Platform on Electric Vehicle off-board Charger Interoperability	Bin Zhu, Hongliang Sun, Yi Long, Huicai Wang, Tingting Xu, Zhewei Yang
12682	Design and Implementation of Virtual Service System of Electric Vehicle Time-sharing Rental Based on Multi-agent Technology	Yi Long, Hongliang Sun, Bin Zhu, Huicai Wang, Tingting Xu, Jianfei Wang

12705	The influence of operating conditions on discharge characteristics for traction battery	Wang Huicai, Sun Hongliang, Chen Wenli, Zhang Bing
12724	A finite element analysis of internal fixations for U-shaped sacral fracture	Junwei Li, Chengfei Du, Chenxi Yuchi, Chunqiu Zhang
12727	A Novel Method for Modal Parameters Estimate Based on RDT – ARMA with Measured Acceleration	Weizhen Chen, Jinran Yao, Yang Liu, Longzhou, Yi Mou, Jue Liu, Xu Zhao
12735	Research on Evaluation of Ground Assault System Based on Finite Synthesis Method	WU Xi, ZHENG Huai-zhou, WANG Tie-hu, ZHANG Fu-xue
12740	Simulation Design of Air Defense Forces Operation Action Supported by Space Information	ZHANG Han-feng, LIU Xian-min, LIU Qiang, WU Zhong-wang

18:00-19:30 Dinner

Contact Us

The secretary of ICISCE2018

Ms: Mindy Wang

Tel: +86-13564138859

Email: icisce@188.com

<http://www.icisce.org>