

Program at a Glance

June 22, 2018 | Friday Lobby, 1st floor, Jinma Hotel

10:00-16:00	Registration	Participants Registration & Conference Kits Collection	Lobby
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June 23, 2018 | Saturday

			Room
09:15-09:25	Opening Remarks	Prof. Steven Guan <i>Xi'an Jiaotong-Liverpool University, China</i>	3 rd Conference Room
09:25-10:10	Keynote Address	"Collaborative Neurodynamic Optimization Approaches to Nonnegative Matrix Factorization" Prof. Jun Wang <i>City University of Hong Kong, Hong Kong</i>	
10:10-10:30	Tea Break & Group Photo		
10:30-11:15	Keynote Address	"Opportunities and Challenges in Information Communications Technology" Prof. Steven Guan <i>Xi'an Jiaotong-Liverpool University, China</i>	3 rd Conference Room
11:15-12:00	Keynote Address	"Reinforcement Learning to Rank for Search Result Diversification" Prof. Jun Xu <i>Institute of Computing Technology, Chinese Academy of Sciences, China</i>	
12:00-13:30	Lunch Time		
13:30-14:10	Plenary Address	"Wireless Data Acquisition in Big Data Era" Prof. Yao Liang <i>Indiana University Purdue University, Indianapolis (IUPUI), USA</i>	3 rd Conference Room
13:30-14:10	Invited Speech	"High Performance Computing Revisited for Big Data Applications" Assoc. Prof. Yong Chen <i>Texas Tech University, USA</i>	4 th Conference Room
14:10-15:55	Session 1	Soft Computing and Application	3 rd Conference Room
14:10-16:10	Session 2	Information Network and Security	4 th Conference Room
16:10-16:25	Tea Break		
16:25-17:55	Session 3	Data Analysis and Data Mining	3 rd Conference Room
16:25-17:55	Session 4	Information Technology and Artificial Intelligence	4 th Conference Room
18:00-20:00	Dinner Banquet		

June 24, 2018 | Sunday

09:00-17:00	One-day Tour	Pick-up/Drop-off Point: Lobby
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Time	Activity	Representative	Room
09:15-09:25	Opening Remarks	Prof. Steven Guan , Xi'an Jiao-tong Liver-pool University, China	3 rd Conference Room
09:25-10:10	Keynote Address	"Collaborative Neurodynamic Optimization Approaches to Nonnegative Matrix Factorization" Prof. Jun Wang , City University of Hong Kong, Hong Kong	
10:10-10:30	Tea Break & Group Photo		
10:30-11:15	Keynote Address	"Opportunities and Challenges in Information Communications Technology" Prof. Steven Guan , Xi'an Jiaotong-Liverpool University, China	3 rd Conference Room
11:15-12:00	Keynote Address	"Reinforcement Learning to Rank for Search Result Diversification" Prof. Jun Xu , Institute of Computing Technology, Chinese Academy of Sciences, China	
12:00-13:30	Lunch@ Seasons & Clouds Restaurant, 23rd Floor, Jinma Hotel 云景四季餐厅, 23楼, 金码大酒店		
13:30-14:10	Plenary Speech	Wireless Data Acquisition in Big Data Era" Prof. Yao Liang , Indiana University Purdue University, Indianapolis (IUPUI), USA	3 rd Conference Room
13:30-14:10	Invited Speech	"High Performance Computing Revisited for Big Data Applications" Assoc. Prof. Yong Chen , Texas Tech University, USA	4th Conference Room

Session 1
"Soft Computing and Application"
Chairperson: TBA
Venue: 3rd Conference Room

14:10-14:25	(BDAI18-101) A Branching Strategy Based on the Length of Learnt Clause Zhongxue Hu ; Yang Xu Southwest Jiaotong University, China
14:25-14:40	(BDAI18-219) A Novel Ensemble Strategy Combining Gradient Boosted Decision Trees and Factorization Machine Based Neural Network for Clicks Prediction Feng Zhou , Huafei Li, Lizhang Zhan, Yeliang Fan, Hua Yin, Liu Jiang Guangdong University of Finance and Economics, China;
14:40-14:55	(BDAI18-330) Research on Music Emotion Classification Based on the Feature Model of Emotion Category Contribution Jin Zhong , Wen-Zhe Zhong and Wei Wu Hefei Normal University, China
14:55-15:10	(BDAI18-331E) Research on ARIA of Affective Recommendation Index Algorithm Based on Topic Selection of Publications Huayan Sun , Ye-Li Li, Yun-Fei Zi, Xu Han Beijing Institute of Graphic Communication, China
15:10-15:25	(BDAI18-339) Forecasting Clinical Expenditure of Child Patients Using Binary and Multi-Classification Methods Chenguang Wang, Xinyi Pan, Lishan Ye, Weifen Zhuang, Fei Ma Xi'an Jiaotong-Liverpool University, China;
15:25-15:40	(BDAI18-340) English Education Text Recommendation Technology Based on Word Embedding Hao Li , Yuan Sun Minzu University of China, China

15:40-15:55 (**BDAI18-341**) Rule-Extraction from Soft Decision Trees
Lin Huang, Mohammad Reza Rajati
 University of Southern California, USA

16:10-16:25 Best Presentation Award & Session Group Photo & Tea Break

Session 2
“Information Network and Security”
Chairperson: TBA
Venue: 4th Conference Room

14:10-14:25 (**BDAI18-107**) Parameter Tuning on Software Defect Prediction using Differential Evolution & Simulated Annealing
 Ruchika Malhotra, **Arjun Rajpal**, Dushyant Rathore
 Delhi Technological University, India

14:25-14:40 (**BDAI18-329**) ECG signal classification with deep learning for heart disease identification
 Wenbo Zhang, Limin Yu, Lishan Ye, Weifen Zhuang, **Fei Ma**
 Xi’an Jiaotong-Liverpool University, China;

14:40-14:55 (**BDAI18-342**) Uncovering the Transformation from Non-Follower Retweetors to Followers
Yusong Chen, Wenwu Zhu
 Tsinghua University, China

14:55-15:10 (**BDAI18-345**) Security Enhanced Cloud Storage Access Control System Based on Attribute Based Encryption
 Yong Wang, **Qingyu Sun**, Yuan Ma, Ji Zhang, Zhenyan Liu and Jingfeng Xue
 Beijing Institute of Technology, China;

15:10-15:25 (**BDAI18-346**) A Two-Phase Model for Sleep Staging Using Single Channel EEG
 Yongfeng Huang and **Yujuan Zhang**
 Donghua University, China;

15:25-15:40 (**BDAI18-347**) A Role Based Access Control System Using Attribute Based Encryption
 Yong Wang, **Yuan Ma**, Keyu Xiang, Zhenyan Liu and Ming Li
 Beijing Institute of Technology, China

15:40-15:55 (**108**) System Sensor deployment under probabilistic sensing model
 Yu-Ning Chen and **Chiuyuan Chen**
 National Chiao Tung University, Taiwan

15:55-16:10 (**BDAI18-215**) Research of Load Balancing and High Availability of VoLTE Core Network in Cloud Environment
Lingling Xu
 Qingdao Institute of Technology, China

16:10-16:25 Best Presentation Award & Session Group Photo & Tea Break

Session 3
“Data Analysis and Data Mining”
Chairperson: TBA
Venue: 3rd Conference Room

16:25-16:40 (**BDAI18-103**) Optimization of column-oriented storage compression strategy based on Hbase
Jingchao Sun and Tianliang Lu
 People’s Public Security University of China, China

16:40-16:55 (**BDAI18-111**) A Cluster Analysis of Mutual Funds
 Santit Narabin, **Laor Boongasame**
 King Mongkut’s Institute of Technology Ladkrabang, Thailand

16:55-17:10 (**BDAI18-338**) Big Data Technology applied to Learning behavior Evaluation System

	Liu Hai-Ling, Li Jun-Huai , Peng Jun Xi'an University of Technology, China
17:10-17:25	(BDAI18-345E) Research on the Optimization of Military Supplies under Big Data Background Cheng-gong Zhai , Xiao-biao Jiang, Ying-xing Zhang, Nan Liu Army Logistics University of PLA, China
17:25-17:40	(BDAI18-336) Design of Cloud Data Storage and Processing System Baoke Zhou and Wusheng Chou Beihang University, China;
17:40-17:55	(104) Accuracy Simulation Method Based on Assembly Process Information Mapping Jiang Jianguo, Yuan Xuebin and Mao Rui Chinese Academy of Science, China
17:55-18:00	Best Presentation Award & Session Group Photo & Dinner

Session 4
“Information Technology and Artificial Intelligence”
Chairperson: TBA
Venue: 4th Conference Room

16:25-16:40	(BDAI18-111) Research on the Intelligent Piano Application with Variable Structure Fuzzy Neural Networks Huanyao Qiu Guangdong Mechanical & Electrical Polytechnic, China;
16:40-16:55	(BDAI18-333) Tibetan-Chinese Cross-language Topic Extraction and Alignment Yuan Sun , Qian Zhao, Wolerrg Yuan Minzu University of China, China;
16:55-17:10	(BDAI18-346E) Text Keyword Extraction Based on Meta-Learning Strategy Man Yuan , Chenhong Zou Northeast Petroleum University, China;
17:10-17:25	(BDAI18-220) Comparison of Internet Traffic Identification on Machine Learning Methods Lingjing Kong , Guowei Huang, Keke Wu, Qi Tang, Suying Ye Shenzhen Institute of Information Technology, China;
17:25-17:40	(101) A Suggestion of a New Measure of Importance of Nodes in Disease-propagation Graphs Siyu Liu, Chiuyuan Chen, and Wu-Hsiung Lin National Chiao Tung University, Taiwan
17:40-17:55	(107) The construction of large graph data structures in a scalable distributed message system LinXinjie Yu, Wentao Chen, Jiajia Miao, Jian Chen, Handong Mao, Qiong Luo and Lin Gu Ningbo Shufang Information Technology Co., Ltd., China
18:00-19:30	Best Presentation Award & Session Group Photo & Dinner