

Technical Program

Monday, 22 August 2016

InS F Forms and Fundamental Fields Oral Session

Chair: Prof. Shu Matsuura Tokyo Gakugei Univ.

8:30-8:50 InS F.1
Expression for Mathematical Models of Time Series Data in Dual Space, pp. 3-6.
 Hiroki Takada Univ. of Fukui

8:50-9:10 InS F.2
Shaping Dialogues with a Humanoid Robot Based on an E-Learning System, pp. 7-12.
 Shu Matsuura Tokyo Gakugei Univ.
 Motomu Naito Knowledge Synergy Inc.

9:10-10:30

Discussion

Wednesday, 24 August 2016

InS 1 Oral Session Biosignal Processing and Integrated Visualizing System for Human Centered Design

Chair: Dr. Kouki Nagamune Univ. of Fukui

9:00 - 9:20 InS 1.1
Examination of Effects of Chromatic Adaptation on Color Discrimination Threshold in Dichromatic Color Appearance, pp. 15-20.
 Akiyo Yasui Nagoya City Univ.
 Go Tanaka Nagoya City Univ.

9:20 - 9:40 InS 1.2
Visualization System for the Information Measured by Motion Capture System, pp. 21-26.
 Haruya Sunada Nagoya City Univ.
 Kiyoko Yokoyama Nagoya City Univ.
 Takayuki Hirata Nagoya City Univ.
 Tsuyoshi Matsukawa Nagoya City Univ.
 Hiroki Takada Univ. of Fukui

9:40 - 10:00 InS 1.3
Gait Analysis with Six Axes Inertial Sensor and Force Sensor for Daily Motion, pp. 27-28.
 Keita Aoike Univ. of Fukui
 Kouki Nagamune Univ. of Fukui

10:00 - 10:20 InS 1.4
A Study of the Relationship of Equilibrium Function and the Cerebrum Blood Flow with Alcohol Intake, pp. 29-34.

Masumi Takada Chubu Gakuin Univ.
 Fumiya Kinoshita Nagoya Univ.
 Yuki Mori Univ. of Fukui
 Hiroki Takada Univ. of Fukui

10:45 - 11:05 InS 1.5
Cerebral Blood Flow in the Prefrontal Cortex While Reading a Novel on a Tablet Computer and its Effect on Sleep - Temporary and Remaining Changes, pp. 35-40.
 Akihiro Sugiura Gifu Univ. of Medical Sci.
 Fumiya Kinoshita Nagoya Univ.
 Takuya Eto Univ. of Fukui
 Hiroki Takada Univ. of Fukui

11:05 - 11:25 InS 1.6
Expression of Balance Function after Exposure to Stereoscopic Video Clips, pp. 41-44.
 Fumiya Kinoshita Nagoya Univ.
 Masumi Takada Chubu Gakuin Univ.
 Masaru Miyao Nagoya Univ.
 Hiroki Takada Univ. of Fukui

InS 2 Oral Session Big Data in Online Education

Chair: Prof. Li Zheng Tsinghua Univ.
 Co-Chair: Asso Prof. Chao Li Tsinghua Univ.

15:45 - 16:05 InS 2.1
Big Data Oriented Partner Selection in Collaborative Learning, pp. 47-51.
 Wei Guo People's Public Security Univ. of China
 Chao Li Tsinghua Univ.
 Chunmei Huang Tsinghua Univ.
 Wei Jiang Shanghai Univ. of Sport

16:05 - 16:25 InS 2.2
Machine Learning Application in MOOCs: Dropout Prediction, pp. 52-57.
 Jiajun Liang Tsinghua Univ.
 Chao Li Tsinghua Univ.
 Li Zheng Tsinghua Univ.

16:25 - 16:45 InS 2.3
Online Education Big Data Platform, pp. 58-63.
 Guigang Zhang Chinese Academy of Sci.
 Yi Yang Chinese Academy of Sci.
 Xiaoshuang Zhai Chinese Academy of Sci.
 Qi Yao Beijing Inst. of Tech.
 Jian Wang Chinese Academy of Sci.

16:45 - 17:05 InS 2.4
Research on Big Data Analytics Technology of MOOC, pp. 64-68.
 Xiaoyin Sun Beijing Jiaotong Univ.
 Wei Zhou Beijing Jiaotong Univ.
 Qiyang Xiang Beijing Jiaotong Univ.
 Binyue Cui Hebei Univ. of Economics & Business
 Yi Jin Beijing Jiaotong Univ.

17:05 - 17:25 InS 2.5
Discover Learning Behavior Patterns to Predict Certification, pp. 69-73.
 Chongchong Zhao Univ. of Sci. & Tech. Beijing
 Jian Yang Univ. of Sci. & Tech. Beijing
 Jiajun Liang Tsinghua Univ.
 Chao Li Tsinghua Univ.

Thursday, 25 August 2016

| InS 3 | | Oral Session | |
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| Data-driven Solutions for Computational Sustainability | | | |
| Chair: Asso Prof. Qifeng Zhou | Xiamen Univ. | 11:15 - 11:30 | InS 3.9 |
| Co-Chair: Asso Prof. Linkai Luo, | Xiamen Univ. | <i>A Preliminary Study on Class Probability Estimation for Random Forest Using Kernel Density Estimators</i> , pp. 118-122. | |
| Asso Prof. Guifang Shao | Xiamen Univ. | Fan Yang | Xiamen Univ. |
| | | Piao Peng | Xiamen Univ. |
| | | Qifeng Zhou | Xiamen Univ. |
| 9:00 - 9:15 | InS 3.1 | | |
| <i>Finding the Clusters with Potential Value in Financial Time Series Based on Agglomerative Hierarchical Clustering</i> , pp. 77-81. | | 11:30 - 11:45 | InS 3.10 |
| Shi yang You | Xiamen Univ. | <i>Research of Indicator System in Customer Churn Prediction for Telecom Industry</i> , pp. 123-130. | |
| Yu dan Wang | Xiamen Univ. | Qiu Yihui | Xiamen Univ. |
| Lin kai Luo | Xiamen Univ. | Zhang Chiyu | Xiamen Univ. |
| Hong Peng | Xiamen Univ. | | |
| 9:15 - 9:30 | InS 3.2 | InS 4 Oral Session | |
| <i>An Improved AHP Method in Preferential Voting System</i> , pp. 82-85. | | New Information Technology and Applications in Social Education and Local Community | |
| Dongbo Pan | Southwest Univ. | Chair: Asso Prof. Wei Zhou | Beijing Jiaotong Univ. |
| Feng Liu | Southwest Univ. | Co-Chair: Asso Prof. Binyue Cui | Hebei Univ. of Economics & Business |
| Yong Deng | Southwest Univ. | | |
| 9:30 - 9:45 | InS 3.3 | 15:30 - 15:50 | InS 4.1 |
| <i>Data-driven Solutions for Power System Fault Analysis and Novelty Detection</i> , pp. 86-91. | | <i>Construction and Evaluation of an Information-Sharing Environment Using Cloud Storage Service for Community Welfare Supporters</i> , pp. 133-138. | |
| Ruyuan Han | Xiamen Univ. | Tomoya Takahashi | Nagoya Univ. |
| Qifeng Zhou | Xiamen Univ. | Mana Fukuyasu | Nagoya Univ. |
| | | Mamoru Endo | Nagoya Univ. |
| | | Takami Yasuda | Nagoya Univ. |
| | | Mayu Urata | Nagoya Univ. |
| | | Yuzuru Takahashi | Denso Corporation |
| 9:45 - 10:00 | InS 3.4 | 15:50 - 16:10 | InS 4.2 |
| <i>A New Method for PN Code Synchronization in the Direct Sequence Spread Spectrum Communication Systems</i> , pp. 92-96. | | <i>Big Data and Public Services for Environmental Monitoring System</i> , pp. 139-143. | |
| Tiejun Li | Jimei Univ. | Muhammad Tayab | Beijing Jiaotong Univ. |
| Yali Shangquan | Xiamen University | Wei Zhou | Beijing Jiaotong Univ. |
| Guifang Shao | Xiamen University | Meng Zhao | Beijing Jiaotong Univ. |
| | | Shaohua Li | Hebei Sailhero Environmental Protection Hi-tech Co., Ltd |
| 10:15 - 10:30 | InS 3.5 | 16:10 - 16:30 | InS 4.3 |
| <i>Reactive Tabu Search for Job-Shop Scheduling Problems</i> , pp. 97-102. | | <i>System Design for Local Culture Protection Based on Smart Item</i> , pp. 144-147. | |
| Shuheji Kawaguchi | Meiji Univ. | Binyue CUI | Hebei Univ. of Economics & Business |
| Yoshikazu Fukuyama | Meiji Univ. | Wei ZHOU | Beijing Jiaotong Univ. |
| | | Guangquan FAN | Hebei Univ. of Economics & Business |
| | | Zhiqiang HE | Hebei Univ. of Economics & Business |
| 10:45 - 11:00 | InS 3.6 | 16:30 - 16:50 | InS 4.4 |
| <i>Training Restricted Boltzmann Machine with Dynamic Learning Rate</i> , pp. 103-107. | | <i>Design and Implementation of a Group Decision Support System for University Innovation Projects Evaluation</i> , pp. 148-151. | |
| Linkai Luo | Xiamen Univ. | Jingwei DAI | Beijing Jiaotong Univ. |
| Yudan Wang | Xiamen Univ. | Dandan WANG | Beijing Jiaotong Univ. |
| Hong Peng | Xiamen Univ. | Xiaohui YANG | Beijing Jiaotong Univ. |
| Zhimin Tang | Xiamen Univ. | Xiaotao WEI | Beijing Jiaotong Univ. |
| Shiyang You | Xiamen Univ. | | |
| Xiaoqin Huang | Xiamen Univ. | | |
| 10:45 - 11:00 | InS 3.7 | | |
| <i>A Mining to the Satisfaction with Compulsory Education Funds Based on Association Rules</i> , pp. 108-112. | | | |
| Shan Tang | Xiamen Univ. | | |
| Yanyan Yao | Guangzhou Univ. | | |
| Renshou Zhang | Guangzhou Univ. | | |
| 11:00 - 11:15 | InS 3.8 | Wd A1 Oral Session | |
| <i>The Retrieval of the Medical Tongue Images Based on Color Analysis</i> , pp. 113-117. | | Artificial Intelligence | |
| Liyan Chen | Xiamen Univ. | Chair: Prof. Dongli Han | Nihon Univ. |

Wednesday, 24 August 2016

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| 9:00 - 9:20 | Wd A1.1 | Sorawee Watarakitpaisarn Giuseppe Carella Chaodit Aswakul Thomas Magedanz | Chulalongkorn Univ. Technical Univ. Berlin Changchun Inst. of Tech. Technical Univ. Berlin |
| <i>Optimization of Parallel WAF for two-dimensional Shallow Water Model with CUDA</i> , pp. 155-159. Nugool Sataporn Worasait Suwannik Montri Maleewong | Kasetsart Univ. Kasetsart Univ. Kasetsart Univ. | | |
| 9:20 - 9:40 | Wd A1.2 | Xiaoyi Zhang Yang Liu Chengfei Hou Xiaoyan Du | Beijing Univ. of Tech. Beijing Univ. of Tech. Beijing Univ. of Tech. Beijing Univ. of Tech. |
| <i>A Hybrid PSO-GA Method for Composing Heterogeneous Groups in Collaborative Learning</i> , pp. 160-164. Yaqian Zheng Yunsong Liu Weigang Lu Chunrong Li | Ocean Univ. of China Ocean Univ. of China Ocean Univ. of China Ocean Univ. of China | | |
| 9:40 - 10:00 | Wd A1.3 | Aryuanto Soetedjo I Komang Somawirata | ITN Malang ITN Malang |
| <i>A Case Study on Experimental-data Validation for Natural Language Processing</i> , pp. 165-168. Dongli Han Takahiro Ohno | Nihon Univ. Nihon Univ. | | |
| 10:00 - 10:20 | Wd A1.4 | Siyu Yang You Song Honglei Ren Xinxing Huang | Beihang Univ. Beihang Univ. Beihang Univ. Beihang Univ. |
| <i>A Hybrid Rice Optimization Algorithm</i> , pp. 169-174. Zhiwei Ye Lie Ma Hongwei Chen | Hubei Univ. of Tech. Hubei Univ. of Tech. Hubei Univ. of Tech. | | |

Wd A2 Oral Session
Education Reform and Innovation

Chair: Ms. Lingma Acheson Indiana Univ.-Purdue Univ. Indianapolis

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| 9:00 - 9:20 | Wd A2.1 | Mindy Grace Garcia Christian Ian San Luis Mary Jane C. Samonte | Mapua Inst. of Tech. Mapua Inst. of Tech. Mapua Inst. of Tech. |
| <i>Integrating Career Development into Computer Science Undergraduate Curriculum</i> , pp. 177-181. Lingma Acheson Ryan Rybarczy | Indiana Univ.-Purdue Univ. Indianapolis Indiana Univ.-Purdue Univ. Indianapolis | | |
| 9:20 - 9:40 | Wd A2.2 | Joanne Jie Yin Hwan Wai Chong Chia Lee Seng Yeong Sue Inn Ch'ng | Sunway Univ. Sunway Univ. Sunway Univ. Sunway Univ. |
| <i>The Dhammic Framework Applications for Understanding Student Behavioral Usage of Innovations</i> , pp. 182-187. Pita Jarupunphol | Department of Info. Tech. | | |
| 9:40 - 10:00 | Wd A2.3 | Zijian Fan Jing Xu Wei Liu Wenqing Cheng | Huazhong Univ. of Sci. & Tech. Huazhong Univ. of Sci. & Tech. Huazhong Univ. of Sci. & Tech. Huazhong Univ. of Sci. & Tech. |
| <i>Research on the Evaluation System of College Teaching Based on Analytic Network Process</i> , pp. 188-191. Yanhua Li Yangjie Cao Ying Han Yi Hua | Henan Agricultural Univ. Zhengzhou Univ. Zhengzhou Univ. Zhengzhou Univ. | | |
| 10:00 - 10:20 | Wd A2.4 | Mary Jane C. Samonte Victor John Levi L Alcazar Abdullah Nasser M. Maulana Raymon O. Mortega II | Mapua Inst. of Tech. Mapua Inst. of Tech. Mapua Inst. of Tech. Mapua Inst. of Tech. |
| <i>Researches on Marital Quality, Well-being and Social Support of IT Employees</i> , pp. 192-196. Yi Xuemei Luo Lan | Jiangxi Univ. of Tradi. Chin. Med. Jiangxi Univ. of Tradi. Chin. Med. | | |

Wd A3 Oral Session
Computer Application

Chair: Prof. Song You Beihang Univ.

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| 9:00 - 9:20 | Wd A3.1 | | |
| <i>Virtualising Machine to Machine (M2M) Application using Open Baton as NFV-compliant Framework For Building Energy Management System</i> , pp. 199-204. Apichart Wantamane | Chulalongkorn Univ. | | |

Wd B1 Oral Session
E-Learning System

Chair: Dr. Jing Xu Huazhong Univ. of Sci. & Tech.

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| 10:45 - 11:05 | Wd B1.1 | | |
| <i>E-Tutor for Filipino Sign Language</i> , pp. 223-227. Mindy Grace Garcia Christian Ian San Luis Mary Jane C. Samonte | Mapua Inst. of Tech. Mapua Inst. of Tech. Mapua Inst. of Tech. | | |
| 11:05 - 11:25 | Wd B1.2 | | |
| <i>Online and Offline Electronic Question and Answer System: Quick Question</i> , pp. 228-233. Joanne Jie Yin Hwan Wai Chong Chia Lee Seng Yeong Sue Inn Ch'ng | Sunway Univ. Sunway Univ. Sunway Univ. Sunway Univ. | | |
| 11:25 - 11:45 | Wd B1.3 | | |
| <i>Gesture Based Misbehavior Detection in Online Examination</i> , pp. 234-238. Zijian Fan Jing Xu Wei Liu Wenqing Cheng | Huazhong Univ. of Sci. & Tech. Huazhong Univ. of Sci. & Tech. Huazhong Univ. of Sci. & Tech. Huazhong Univ. of Sci. & Tech. | | |
| 11:45 - 12:05 | Wd B1.4 | | |
| <i>Speech-to-Visual Approach e-Learning System for the Deaf</i> , pp. 239-243. Mary Jane C. Samonte Victor John Levi L Alcazar Abdullah Nasser M. Maulana Raymon O. Mortega II | Mapua Inst. of Tech. Mapua Inst. of Tech. Mapua Inst. of Tech. Mapua Inst. of Tech. | | |

Wd B2 Oral Session
Computer Application

Chair: Associate Prof. Ye Zhiwei Hubei Univ. of Tech.

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| 10:45 - 11:05 | Wd B2.1 | | |
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| <i>Secure Smart Home: A Voiceprint and Internet Based Authentication System for Remote Accessing</i> , pp. 247-251. Honglei Ren You Song Siyu Yang Fangling Situ | Beihang Univ. Beihang Univ. Beihang Univ. Beihang Univ. | 285-290. Norio Kato Toshiaki Tanaka Shunichi Sugihara Koichi Shimizu Nobuki Kudo | Hokkaido Univ. of Sci. Hokkaido Univ. of Sci. Sapporo Syuyukai Hospital Waseda Univ. Hokkaido Univ. |
| 11:05 - 11:25 <i>AKaTool: An Association Chart Production Tool for Nursing Education</i> , pp. 252-257. Hiroaki SAWANO Motoyasu SABURI Norio ISHII Yuri SUZUKI Takeshi TSUCHIYA Keiichi KOYANAGI | Aichi Inst. of Tech. Aichi Inst. of Tech. Aichi Kiwami College of Nursing Chubu Univ. Tokyo Univ. of Sci., Suwa Waseda Univ. | Wd B2.2 | Oral Session |
| 11:25 - 11:45 <i>Effect of Japanese Utterance Training Using Lip Movement</i> , pp. 258-261. Miyuki SUGANUMA Tomoki YAMAMURA Yuko HOSHINO Mitsuho YAMADA | Tokai Univ. Tokai Univ. Tokai Univ. Tokai Univ. | Wd B2.3 | Oral Session |
| 11:45 - 12:05 <i>A P2P Traffic Identification Approach Based on the Optimal Support Vector Machine and Genetic Algorithm</i> , pp. 262-265. Wang Chunzhi Du YuanLi Ye Zhiwei | Hubei Univ. of Tech. Hubei Univ. of Tech. Hubei Univ. of Tech. | Wd B2.4 | Oral Session |
| 12:05 - 12:25 <i>A System Theoretic Assurance Case Review</i> , Shuichiro Yamamoto | Nagoya Univ. | Wd B2.5 | Oral Session |
| Wd B3 Big Data & Time Series Chair: Dr. Wipawan Buathong | Phuket Rajabhat Univ. | | Oral Session |
| 10:45 - 11:05 <i>An Effective Evaluation Model for Cloud System Based on ANP Approach</i> , pp. 269-272. Pengsong Duan Yangjie Cao Minglin Liu Yamin Wang Zhen Li | Zhengzhou Univ. Zhengzhou Univ. Zhengzhou Univ. Zhengzhou Univ. Zhengzhou Univ. | Wd B3.1 | Oral Session |
| 11:05 - 11:25 <i>TLiSVM (Triple Linear SVM Weight) for Dimensionality Reduction</i> , pp. 273-278. Wipawan Buathong | Phuket Rajabhat Univ. | Wd B3.2 | Oral Session |
| 11:25 - 11:45 <i>Trustworthiness Calculation of Composite Web Service Output Data Based on How Provenance</i> , pp. 279-284. Xu Guoyan Yang Li Kang Jiehua Ping Ping Lv Xin | HoHai Univ. HoHai Univ. HoHai Univ. HoHai Univ. HoHai Univ. | Wd B3.3 | Oral Session |
| 11:45 - 12:05 <i>Trial Operation of a Cloud Service-based Three-Dimensional Virtual Reality Tele-Rehabilitation System for Stroke Patients</i> , pp. | | Wd B3.4 | Oral Session |
| Wd B4 E-Learning System Chair: Prof. Yuichiro Tateiwa | | | Oral Session |
| 10:45 - 11:05 <i>The Construction of Teaching Interaction Platform and Teaching Practice Based on SPOC Mode</i> , pp. 293-298. Jiakun Zhou Haojia Yu Bo Chen Chengcheng Mai Ling Yu | Nanjing Normal Univ. Nanjing Normal Univ. Nanjing Normal Univ. Nanjing Normal Univ. Nanjing Normal Univ. | Wd B4.1 | Oral Session |
| 11:05 - 11:25 <i>A Virtual Laboratory Based on HTML5</i> , pp. 299-302. Yu Sheng Juan Huang Fei Zhang Ying An Ping Zhong | Central South Univ. Central South Univ. Central South Univ. Central South Univ. Central South Univ. | Wd B4.2 | Oral Session |
| 11:25 - 11:45 <i>A System for Generating Hints on Network Construction Exercises for Beginners</i> , pp. 303-308. Yuichiro Tateiwa Naohisa Takahashi | Nagoya Inst. of Tech. Nagoya Inst. of Tech. | Wd B4.3 | Oral Session |
| 11:45 - 12:05 <i>Assessing Your Algorithm: A Program Complexity Metrics for Basic Algorithmic Thinking Education</i> , pp. 309-313. Mizue Kayam Minoru Fuwa | Shinshu Univ. Graduate School of Sci. & Tech., Shinshu Univ. Shinshu Univ. Shinshu Univ. Shinshu Univ. | Wd B4.4 | Oral Session |
| Wd C Computer Graphics Chair: Dr. Kayoko Yamamoto | Univ. of Electro-Communications | | Oral Session |
| 15:45 - 16:05 <i>Development of History Learning Support System</i> , pp. 317-320. Xinxin Zhou Kenichi Sugihara Kazuhide Kobashi Xiangrong Zhou | Nagoya Bunri Univ. Gifu Keizai Univ. Nagoya Bunri Univ. Gifu Univ. | Wd C.1 | Oral Session |
| 16:05 - 16:25 <i>Analysis of Lines of Sight while Playing Sport Using a Newly Developed Lines-of-sight Analyzer</i> , pp. 321-326. Shinya Mochiduki Miyuki Saganuma Gaito Shoji Mitsuho Yamada | Tokai Univ. Tokai Univ. Tokai Univ. Tokai Univ. | Wd C.2 | Oral Session |
| 16:25 - 16:45 <i>Navigation System Design of Fire Disaster Evacuation Path in Buildings Based on Mobile Terminals</i> , pp. 327-331. | | Wd C.3 | Oral Session |

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| Chunzhi Wang Chen Luo Hongwei Chen | Hubei Univ. of Tech. Hubei Univ. of Tech. Hunan Univ. of Tech. | Kayoko YAMAMOTO | Univ. of Electro-Communications |
| 17:40 - 18:00 | Th D1.3 | 18:00 - 18:20 | Th D2.4 |
| <i>Analysis of the Autopilot Design</i> , pp. 426-430. | | <i>Photodiode Sensitivity Measurement Methodology Using Low Light Intensity for Optically Reconfigurable Gate Arrays</i> , pp. 454 - 457. | |
| YangDing QinXiaoLi LiuMing TangGuoJian | National Univ. of Defense Tech. Sci. & Tech. on Space Physics Laboratory National Univ. of Defense Tech. National Univ. of Defense Tech. | Bharat Ramanathan Minoru Watanabe | Shizuoka Univ. Shizuoka Univ. |
| 18:00 - 18:20 | Th D1.4 | Th D3 | Oral Session |
| <i>Agile Turn Autopilot Design of Over-the-Shoulder Launched Air-to-Air Missile Based on Sliding Mode Control Theory</i> , pp. 431-436. | | Communication & Information Security | |
| Haiyang Zhang Shunxiang Wu Zhu Li Delin Luo | Xiamen Univ. Xiamen Univ. Xiamen Univ. Xiamen Univ. | Chair: Associate Prof. Zeng Nianyin | Chinese Culture Univ. |
| 17:00 - 17:20 | Th D2.1 | 17:00 - 17:20 | Th A1.1 |
| <i>Virtual Experiment Teaching and Research Oriented to College Computer Curriculum</i> , pp. 439-442. | | <i>WiCloud: Innovative Uses of Network Data on Smart Campus</i> , pp. 461-466. | |
| Fengxia Li Yufeng Chen Yue Yu Bo Zhang Meiling Sun | Beijing Inst. of Tech. Beijing Inst. of Tech. Beijing Inst. of Tech. Beijing Inst. of Tech. Beijing Inst. of Tech. | Hongxing Li | Beijing Univ. Of Posts & Telecommunications Beijing Univ. Of Posts & Telecommunications Beijing Univ. Of Posts & Telecommunications Beijing Univ. Of Posts & Telecommunications |
| 17:20 - 17:40 | Th D2.2 | Guochu Shou | |
| <i>The Beauty of Geometry: A Touch-Operation-Based DGS for Mathematics Education</i> , pp. 443-447. | | Yihong Hu | |
| Baoling Chen | Guangzhou Univ. GuangDong Provincial Engineering Tech. Research Center for Mathematical Educational Software Guizhou Provincial Academician Workstation of Educational Big Data Tech. & Educational Mathematics | Zhigang Guo | |
| 17:20 - 17:40 | Th D2.2 | 17:20 - 17:40 | Th D3.2 |
| <i>The Beauty of Geometry: A Touch-Operation-Based DGS for Mathematics Education</i> , pp. 443-447. | | <i>A Routing Protocol Based on Improved Ad-Hoc on Demand Multi-Path Distance Vector in Multi-Radio Network</i> , pp. 467-472. | |
| Baoling Chen | Guangzhou Univ. GuangDong Provincial Engineering Tech. Research Center for Mathematical Educational Software Guizhou Provincial Academician Workstation of Educational Big Data Tech. & Educational Mathematics | Minghui Liwang Lianfen Huang Yuliang Tang Tianli Hu | Xiamen Univ. Xiamen Univ. Xiamen Univ. Xiamen Univ. |
| 17:40 - 18:00 | Th D3.3 | 17:40 - 18:00 | Th D3.3 |
| <i>A Development of Mobile Phone Forensics Procedures for Law Enforcement Agencies in Thailand</i> , pp. 473-478. | | <i>A Development of Mobile Phone Forensics Procedures for Law Enforcement Agencies in Thailand</i> , pp. 473-478. | |
| Yong Huang | Guangzhou Univ. GuangDong Provincial Engineering Tech. Research Center for Mathematical Educational Software Guizhou Provincial Academician Workstation of Educational Big Data Tech. & Educational Mathematics | Sayhpin Klomklin Somchai Lekcharoen | Rangsit Univ. Rangsit Univ. |
| 18:00 - 18:20 | Th D3.4 | 18:00 - 18:20 | Th D3.4 |
| <i>Image Authentication Based on QR Decomposition and Sine Sine</i> , pp. 479-482. | | <i>Image Authentication Based on QR Decomposition and Sine Sine</i> , pp. 479-482. | |
| Yongsheng Rao | Guangzhou Univ. GuangDong Provincial Engineering Tech. Research Center for Mathematical Educational Software Guizhou Provincial Academician Workstation of Educational Big Data Tech. & Educational Mathematics | Ching-Sheng Hsu Shu-Fen Tu | Ming Chuan Univ. Chinese Culture Univ. |
| 18:00 - 18:20 | Th D3.4 | Wednesday, 24 August 2016 | |
| <i>Image Authentication Based on QR Decomposition and Sine Sine</i> , pp. 479-482. | | Wd P1 | Poster Session |
| Chuanjun Zhang | Guizhou Provincial Academician Workstation of Educational Big Data Tech. & Educational Mathematics Guizhou Provincial Educational Sci. Academy | Computer Science and Education | |
| 17:40 - 18:00 | Th D2.3 | | Wd P1.1 |
| <i>A Proposal of an Education Method for Dress-Making Utilizing Learning Management System</i> , pp. 448-453. | | <i>MEDLedge: A Q&A Based System for Constructing Medical Knowledge Base</i> , pp. 485-489. | |
| Sanae TANAKA | Tokyo Kasei Univ. | Kunhui Lin Mengsang Wu Xiaoli Wang Yangbin Pan | Xiamen Univ. Xiamen Univ. Xiamen Univ. Xiamen Univ. |
| 17:40 - 18:00 | Th D2.3 | | Wd P1.2 |
| <i>A Proposal of an Education Method for Dress-Making Utilizing Learning Management System</i> , pp. 448-453. | | <i>Noise Filtering, Trajectory Compression and Trajectory Segmentation on GPS Data</i> , pp. 490-495. | |
| Sanae TANAKA | Tokyo Kasei Univ. | Kunhui Lin Zhentuan Xu Ming Qiu Xiaoli Wang | Xiamen Univ. Xiamen Univ. Xiamen Univ. Xiamen Univ. |

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| Tianxiong Han | Xiamen Univ. | <i>of Multiple Degree of Freedom Manipulators</i> , pp. 533-538. | |
| | Wd P1.3 | Wang Gang | Jimei Univ. |
| <i>Digital Forensics and Analysis for Android Devices</i> , pp. 496-500. | | Guo Fangze | Jimei Univ. |
| Zhi Li | Xiamen Univ. | Sun Haimeng | Jimei Univ. |
| Bin Xi | Xiamen Univ. | | |
| Shunxiang Wu | Xiamen Univ. | | Wd P2.5 |
| | Wd P1.4 | <i>An Analysis of Changes in Attention Based on Miniature Eye Movements</i> , pp. 539-543. | |
| <i>Random Inspection Evaluation of Shanghai Graduate Dissertation Based on Bayesian Decision Tree</i> , pp. 501-504. | | Hiroataka MARUYAMA | Tokai Univ. |
| Zhao Xu | Shanghai Univ. | Yuta SAITO | Tokai Univ. |
| Yong Jin | Shanghai Univ. | Mitsuho Yamada | Tokai Univ. |
| Shardrom Johnson | Shanghai International Studies Univ. | | Wd P2.6 |
| Weishan Gao | Univ. of Shanghai for Sci. & Tech. | <i>Self-healing Strategy for Wind Turbine Condition Monitoring System Based on Wireless Sensor Networks</i> , pp. 544-549. | |
| Hui Miao | Shanghai Univ. | Zhixin Fu | HoHai Univ. |
| Qin Wei | Univ. of Shanghai for Sci. & Tech. | Yang Luo | HoHai Univ. |
| | Wd P1.5 | Min Zhao | HoHai Univ. |
| <i>Distributed Node Location Algorithm Using Non-Anchor Node Clustering</i> , pp. 505-511. | | Yue Yuan | HoHai Univ. |
| Wang Ming | Ningbo DaHongYing Univ. | | |
| | Wd P1.6 | | |
| <i>Research on Bus Anti-Rollover Model in Extreme-turn Conditions and Active Control Method Based on Computer Simulation</i> , pp. 512-516. | | Wd P3 | Poster Session |
| FAN Li | Wuhan Univ. Of Tech. | Artificial Intelligence | |
| LI Gang-yan | Wuhan Univ. Of Tech. | | |
| HU Jian | Wuhan Univ. Of Tech. | <i>A Vector Space Model Based Spam SMS Filter</i> , pp. 553-557. | Wd P3.1 |
| MENG Li-hang | Wuhan Univ. Of Tech. | Wei Li | Shanghai Dahan Tricom Data Co. Ltd. |
| LIANG Hao-tong | Wuhan Univ. Of Tech. | Sisheng Zeng | Shanghai Dahan Tricom Data Co. Ltd. |
| ZHAO Li | Air Force Airborne Academy | | Wd P3.2 |
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| | | Yin Deng | Hubei Univ. of Tech. |
| | | Yong OuYang | Hubei Univ. of Tech. |
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| | Wd P2.1 | Wenxuan Cui | Harbin Univ. of Sci. & Tech. |
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| Yunlu Pan | Harbin Inst. of Tech. | Changsheng Yu | Harbin Univ. of Sci. & Tech. |
| Zhe Chen | Harbin Inst. of Tech. | | Wd P3.4 |
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| Xuezeng Zhao | Harbin Inst. of Tech. | Xinlu Zong | Hubei Univ. of Tech. |
| | Wd P2.2 | Yingli Jiang | Hubei Univ. of Tech. |
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| Junfeng Yao | Xiamen Univ. | Weiqliang Liu | Xiamen Univ. |
| Chen Chen | Xiamen Univ. | Beizhan Wang | Xiamen Univ. |
| Xiaoyuan Peng | Xiamen Univ. | Lingyu Chen | Xiamen Univ. |
| Hong Qiguan | Xiamen Univ. | Kang Chen | Xiamen Univ. |
| Yihan Ma | Xiamen Univ. | Jiajun Wang | Xiamen Univ. |
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| Jianyuan Liu | Xiamen Univ. | | Wd P4.1 |
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 Shuangchu LI Henan Univ.
 Yu LI Henan Univ.

Chen Chen Xiamen Univ.
 Juncong Lin Xiamen Univ.
 Minghong Liao Xiamen Univ.
 Guilin Li Xiamen Univ.
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 Minghong Liao Xiamen Univ.
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 Sun Dongming The Affiliated Hospital of Hebei Univ.

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 Yang xiaowei The Affiliated Hospital of Hebei Univ.

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 Huailin Dong Xiamen Univ.
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 Pingping Gu Xiamen Univ.
 Meiling Wu Xiamen Univ.
 Qingfeng Wu Xiamen Univ.

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 YAN Ran Xiamen Univ.
 ZHANG Xiaoli Xiamen Univ.
 ZHANG Heng Xiamen Univ.

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 Baobin Liu Jiangsu Inst. of Commerce
 Wei Zhou Jiangsu Inst. of Commerce

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 Wenjuan Li Harbin Univ. of Sci. & Tech.
 Chunfeng Yue Harbin Univ. of Sci. & Tech.
 Yuan Zhang Harbin Univ. of Sci. & Tech.
 Hangying Gao Harbin Univ. of Sci. & Tech.
 Meilan Zhou Harbin Univ. of Sci. & Tech.

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 YANG Ming National Univ. of Defence Tech. Sci. & Tech. on Space Physics Laboratory
 ZHENG Wei National Univ. of Defence Tech. Sci. & Tech. on Space Physics Laboratory
 YANG Ding National Univ. of Defence Tech. Sci. & Tech. on Space Physics Laboratory
 QIN XiaoLi National Univ. of Defence Tech. Sci. & Tech. on Space Physics Laboratory
 LIU Ming National Univ. of Defence Tech. Sci. & Tech. on Space Physics Laboratory

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 Chunqing Huang Xiamen Univ.
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| Liannan Lin | South China Univ. of Tech. | Dapeng Cheng | Shandong Inst. of Business & Tech. |
| Wenda Qin | South China Univ. of Tech. | Qingsong Xie | Shandong Inst. of Business & Tech. |
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| Li Shen | National Univ. of Defense & Tech. | Chung-Han Yeh | Inst. for Info. Industry |
| Zhi-ying Wang | National Univ. of Defense & Tech. | Yen-Yin Wang | Inst. for Info. Industry |
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| Jiang Jin-gang | Harbin Univ. of Sci. & Tech. | Xing Ruonan | Jiangxi Normal Univ. |
| Zhang Yong-de | Harbin Univ. of Sci. & Tech. | Wan Kewen | Jiangxi Normal Univ. |
| Du Hai-yan | Harbin Univ. of Sci. & Tech. | | |
| Qiao Yu-jing | Harbin Univ. of Sci. & Tech. | | Th P5.2 |
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| Dai Ye | Harbin Univ. of Sci. & Tech. | Hui Xu | Hubei Univ. of Tech. |
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| Yin Kexin | Changchun Univ. of Tech. | Xu-Hui Chen | Xiamen Univ. of Tech. |
| Li Wanlong | Changchun Univ. of Tech. | Chao-Qun Hong | Xiamen Univ. of Tech. |
| Yin Ke | Nanjing Inst. of Tech. | Shun-Zhi Zhu | Xiamen Univ. of Tech. |
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| Haiyan Wang | Huazhong Agricultural Univ. | Guo Fan | Jiangxi Normal Univ. |
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Mao jian
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Pingping Gu
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Zhang Yan-qin
Cheng Hai-kuo
Guo Li-li
Fan Li-guo
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Hong-xin Zhang
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Zhang Yan-qin
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I-Chang Tsai
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