



The Third Euro-China Conference on Intelligent Data Analysis and Applications (ECC2016)

November 7-9, 2016 Fujian West Lake Hotel, Fuzhou, China

Conference Program

Time	November 7, 2016 (Monday)	November 8, 2016 (Tuesday)	November 9, 2016 (Wednesday)
08:30 16:00	Registration (4F in Fujian Hall building)	09:10 16:00 Registration (4F in Fujian Hall building)	09:30 10:30 Registration (4F in Fujian Hall building)
09:30 09:40	Opening Main conference hall (4F in Fujian Hall building)		
09:40 10:40	Keynote Speech (I) <i>Prof. Alessandro Piva</i> Main conference hall (4F in Fujian Hall building)	Keynote Speech (III) <i>Prof. Zhiyong Liu</i> Main conference hall (4F in Fujian Hall building)	Session E The 1 st conference room (5F in Fujian Hall building)
10:40 11:00	Coffee Break (4F in Fujian Hall)		Coffee Break (5F in Fujian Hall building)
11:00 12:00	Keynote Speech (II) <i>Prof. Han-Chieh Chao</i> Main conference hall (4F in Fujian Hall building)	Keynote Speech (IV) <i>Prof. Poki Chen</i> Main conference hall (4F in Fujian Hall building)	Session F The 1 st conference room (5F in Fujian Hall building)
12:00 14:00	Lunch (1F in Guest building)		
14:00 15:30	Session A The 1 st conference room (5F in Fujian Hall building)	Session C The 1 st conference room (5F in Fujian Hall building)	
15:30 15:50	Coffee Break (5F in Fujian Hall building)		
15:50 17:20	Session B The 1 st conference room (5F in Fujian Hall building)	Session D The 1 st conference room (5F in Fujian Hall building)	
18:00	Welcome Reception (1F in Guest building)	Banquet (1F in Guest building)	

Keynote Speech

Keynote Speech (I): Advances on Multimedia Forensics

Speaker: Prof. Alessandro Piva, University of Florence, Italy.

Date: November 7, 2016 (Monday)

Time: 09:40-10:40

Room: Main conference hall (4F in Fujian Hall building)

Keynote Speech (II): IoT and Big Data Applications

Speaker: Prof. Han-Chieh Chao, National Dong Hwa University, Taiwan.

Date: November 7, 2016 (Monday)

Time: 11:00-12:00

Room: Main conference hall (4F in Fujian Hall building)

Keynote Speech (III): Energy Efficiency for Cloud Computing and Data Centers

Speaker: Prof. Zhiyong Liu, Institute of Computing Technology, Chinese Academy of Sciences, China.

Date: November 8, 2016 (Tuesday)

Time: 09:40-10:40

Room: Main conference hall (4F in Fujian Hall building)

Keynote Speech (IV): Intelligent Sensing: From Macroscopic to Microscopic Scale

Speaker: Prof. Poki Chen, National Taiwan University of Science and Technology, Taiwan.

Date: November 8, 2016 (Tuesday)

Time: 11:00-12:00

Room: Main conference hall (4F in Fujian Hall building)

Paper Presentation

Session A: *Intelligent Data Analysis and Processing*

Date: November 7, 2016 (Monday)

Time: 14:00-15:30

Room: The 1st conference room (5F in Fujian Hall building)

Session Chairs: Prof. Sebastián Basterrech, VŠB-Technical University of Ostrava, Czech Republic.
Prof. Shi-Jian Liu, Fujian University of Technology, China.

- (1) The Complex Vector Maxwell Equations and An Applied Research
Miaoyu Zhang, Baolong Guo, Jie Wu
- (2) Passenger Hailing Safety PASW Modeler and Big Data Statistical Analysis Study
S.H. Meng, A.C. Huang, T.J. Huang, J. Chen, J.S. Pan
- (3) Cellular Automaton Rule Extractor
Lukas Kroczeck, Ivan Zelinka
- (4) Recovery of Compressed Sensing Microarray using Sparse Random Matrices
Zhenhua Gan, Baoping Xiong, Fumin Zou, Yueming Gao, Min Du
- (5) The Reliability and Economic Analysis Comparison Between Parallel System and Erlang Distribution System
Lin Xu, Chao-Fan Xie, Lu-Xiong Xu
- (6) Estimating Human Activities from smartwatches with Feedforward Neural Networks
Sebastián Basterrech

Session B: *Innovative E-learning and Applications*

Date: November 7, 2016 (Monday)

Time: 15:50-17:20

Room: The 1st conference room (5F in Fujian Hall building)

Session Chairs: Prof. Pei-Shu Tsai, National Changhua University of Education, Taiwan.
Prof. You-Te Lu, Southern Taiwan University of Science and Technology, Taiwan.

- (1) Application of E-Learning in Teaching of English as a Second Language
Pei-Wei Tsai, Pei-Shu Tsai, Powen Ku, Vaci Istanda, Tarek Gabe
- (2) A Case Study on Information Literacy and the Use of Social Media for Senior Learners
You-Te Lu, Yi-Hsing Chang, Tien-Wen Sung
- (3) Establishing a Game-Based Learning Cloud
Yi-Hsing Chang, Jheng-Yu Chen, Rong-Jyue Fang, You-Te Lu
- (4) A Study on Smart Deployment for Real-time Strategy Games
Cheng-Ta Yang, Bing-Chang Chen, Her-Tyan Yeh, Guo-Xiang Jian
- (5) A Learning approach to Hierarchical Features for Automatic Music Composition
Michele Della Ventura

Session C: Image Processing and Applications

Date: November 8, 2016 (Tuesday)

Time: 14:00-15:30

Room: The 1st conference room (5F in Fujian Hall building)

Session Chairs: Prof. Yunyi Yan, Xidian University, China.

Prof. Rui Xu, Fujian University of Technology, China.

- (1) Image Classification Based on Image Hash Convolution Neural Network
Yaoting Chen, Yunyi Yan, Dan Zhao
- (2) Object Recognition based on Superposition Proportion in Binary Images
Yan Zheng, Baolong Guo, Jing Ma
- (3) Piecewise planar region matching for high-resolution aerial video tracking
Meng Yi, Li-chun SUI
- (4) Salient Object Detection Based on Histogram-based Contrast and Guided Image Filtering
Pingping Zeng, Fanjie Meng, Ruixia Shi, Dalong Shan, Yanlong Wang
- (5) A New Method for Extraction of Residential Areas from Multispectral Satellite Imagery
Rui Xu, Yanfang Zeng, Quan Liang
- (6) Thresholding method based on the relative homogeneity between the classes
Hong Zhang, Wenyu Hu

Session D: Innovative Technology and Applications

Date: November 8, 2016 (Tuesday)

Time: 15:50-17:20

Room: The 1st conference room (5F in Fujian Hall building)

Session Chairs: Dr. Trong-The Nguyen, National Kaohsiung University of Applied Sciences, Taiwan.

Prof. Chih-Feng Wu, Fujian University of Technology, China.

- (1) Searching of Circular Neighborhoods in the Square and Hexagonal Regular Grids
Vojtěch Uher, Petr Gajdoš, Václav Snášel
- (2) Tooth Segmentation from Cone Beam Computed Tomography Images Using the Identified Root Canal and Harmonic Fields
Shi-Jian Liu, Zheng Zou, Ye Liang, Jeng-Shyang Pan
- (3) A Moving Object Detection Algorithm Based on A Combination Optical Flow and Edge Detection
Yao Xi, Ke-bin Jia, Zhong-hua Sun
- (4) The real-time depth map obtainment based on stereo matching
Fei Wang, Kebin Jia, Jinchao Feng
- (5) Handwritten Numbers and English Characters Recognition System
Wei Li, Xiaoxuan He, Chao Tang, Keshou Wu, Xuhui Chen, Shaoyong Yu, Yuliang Lei, Yanan Fang, Yuping Song
- (6) Method for Noises Removel Based on PDE
Baoping Xiong, Zhenhua Gan, Fumin ZOU, Yuemin Gao, Min Du

Session E: Circuit Analysis and Systems

Date: November 9, 2016 (Wednesday)

Time: 09:40-10:40

Room: The 1st conference room (5F in Fujian Hall building)

Session Chairs: Prof. Pei-Wei Tsai, Fujian University of Technology, China.

Prof. Zhu Quan, Fujian University of Technology, China.

- (1) An XDL Analysis Method for SRAM-based FPGA
Junfeng Liu, Yunyi Yan, Jinfu Wu
- (2) Area Estimation for Triple Modular Redundancy Field Programmable Gate Arrays
Hongjie He, Baolong Guo, Yunyi Yan
- (3) Coupled Plasmonic Nanoantennas
Hancong Wang
- (4) A High Frequency Voltage-Controlled PWM/PSM Dual-Mode Buck DC-DC Converter
Zhong Lun-Gui, Cheng Xin
- (5) A Complex Network Based Classification of Covered Conductors Faults Detection
Tomas Vantuch, Jan Gaura, Stanislav Misak, Ivan Zelinka

Session F: Networks and Security

Date: November 9, 2016 (Wednesday)

Time: 11:00-12:00

Room: The 1st conference room (5F in Fujian Hall building)

Session Chairs: Prof. Sheng-Hui Meng, Fujian University of Technology, China.

Prof. Hancong Wang, Fujian University of Technology, China.

- (1) Error Control Schemes for Robust Transmission with Compressed Sensing Signals
Hsiang-Cheh Huang, Po-Liang Chen, Feng-Cheng Chang
- (2) Research on the construction of college information applications based on Cloud Computing
Zhu Quan
- (3) Camellia Key Expansion Algorithm Based on Chaos
Chuanfu Wang, Qun Ding
- (4) The Key Exchange Algorithm in Network Encryption Machine
Minghao Li, Qun Ding
- (5) Automatic Detection Method for Dynamic Topology Structure of Urban Traffic Network
Xianghai Ge, Xinhua Jiang, Fumin Zou, Lvchao Liao

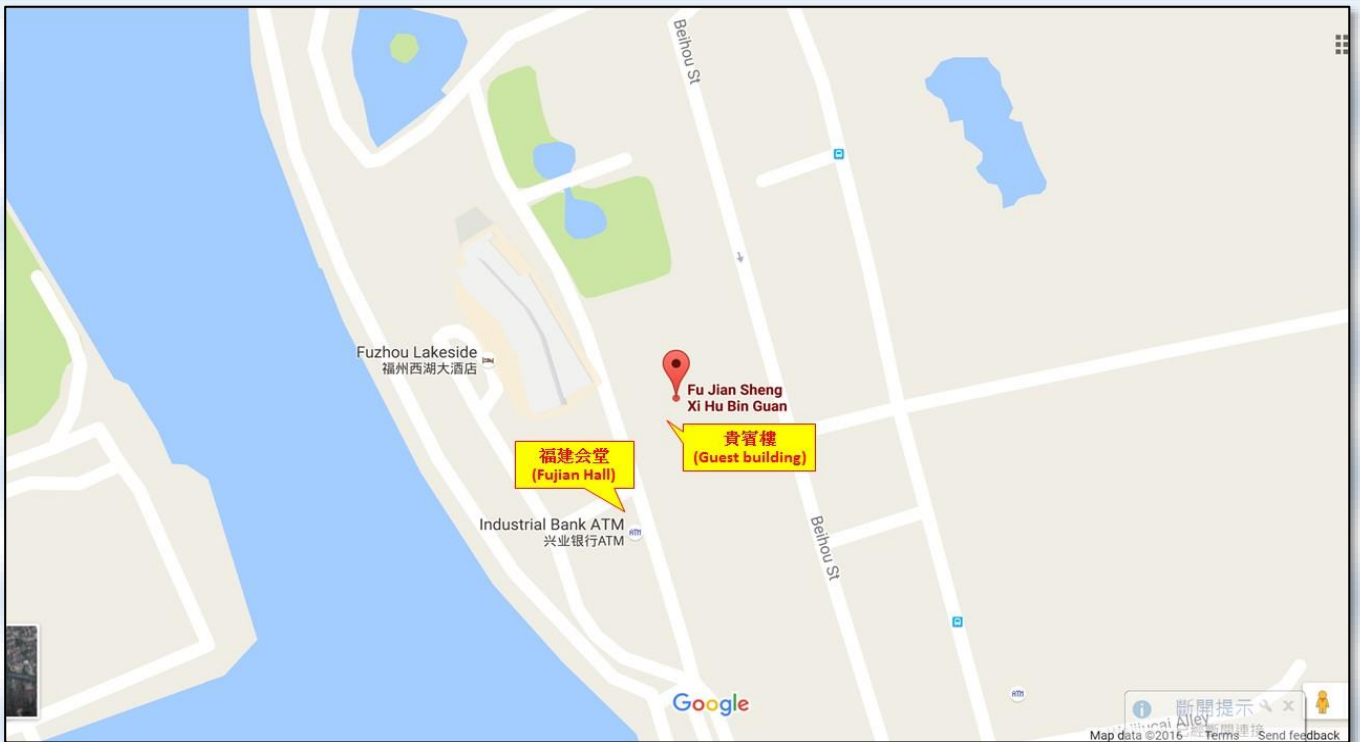
Conference Venue

Conference Venue: Fujian West Lake Hotel (福建省西湖宾馆, FuJian Sheng Xi Hu Bin Guan)

Address: No.11, Hualin Road, Fuzhou City, Fujian Province, China.

Geographical Coordinates: 26°05'44.8"N 119°17'32.1"E (26.095770, 119.292244)

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Fujian West Lake Hotel - Guest Building (貴賓樓)



Fujian West Lake Hotel - Fujian Hall Building (福建会堂)

