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Wireless Internet

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Preface

We are delighted to introduce the proceedings of the 10th edition of the 2017 European Alliance for Innovation (EAI) International Wireless Internet Conference (WiCON 2017). Over the years, WiCON has established itself as a research venue where key results in the areas of wireless Internet have appeared. WiCON 2017 continued to serve as a premier international conference to discuss novel research results related to the emerging wireless Internet, wireless communications, and networks.

The technical program of WiCON 2017 consisted of 42 full papers in six tracks to reflect the recent development and advancement in the area. The conference tracks were: Track 1 – Physical Layer (PHY) Track; Track 2 – Medium Access Control (MAC) Track; Track 3 – Network Track; Track 4 – Security Track; Track 5 – Cloud and Big Data Track; and Track 6 – Emerging Internet-of-Things (IoT) Track. We are delighted that this year's event maintained the tradition of high-quality contributions. Aside from the high-quality technical paper presentations, the technical program also featured two keynote speeches, which were given by Dr. Nei Kato from Tohoku University, Japan, and Dr. Ying-Chang Liang from University of Electronic Science and Technology of China. We were delighted to have these two internationally well-known researchers join us to share their vision on future research and development of wireless Internet technologies.

Coordination with the steering chairs, Imrich Chlamtac, Hsiao-Hwa Chen, and Jun Zheng was essential for the success of the conference. We sincerely appreciate their constant support and guidance. It was also a great pleasure to work with such an excellent Organizing Committee team who worked hard in organizing and supporting the conference. In particular, we thank the Technical Program Committee, led by our TPC co-chairs, Dr. Cheng Li and Dr. Shiwen Mao, who completed the peer-review process of technical papers and compiled a high-quality technical program. We are also grateful to the conference sponsor, Tianjin Chengjian University, the local arrangement chairs, Dr. Kun Hao and Dr. Yan Zhang, and the EAI conference managers, Lenka Bilska, for their support and all the authors who submitted their papers to the WiCON 2017 conference.

We strongly believe that WiCON provides a good forum for all researchers, developers, and practitioners to discuss all scientific and technological aspects that are relevant to wireless Internet. We also expect that future WiCON conferences will continue to be as successful and stimulating, as indicated by the contributions presented in this volume.

April 2018

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Contents

Wireless Networking (I)

A Clustering-Based Spectrum Resource Allocation Algorithm for Dense Small Cell Networks 3
Donghong Jia, Jun Zheng, and Jie Xiao

Energy-Efficient Partitioning Clustering Algorithm for Wireless Sensor Network 14
Koffi V. C. Kevin de Souza, Catherine Almhana, Philippe Fournier-Viger, and Jalal Almhana

Performance Evaluation of Multi-channel CSMA for Machine-to-Machine Communication 24
Changwei Zhang, Xinghua Sun, Jun Zhang, and Hongbo Zhu

Optimal Smart Prepayment for Mobile Access Service via Stackelberg Game 34
Yuan Wu, Haowei Mao, Xiaowei Yang, Liping Qian, Weidang Lu, and Liang Huang

Massive MIMO and mmWave

Massive MIMO for Future Vehicular Networks: Compressed-Sensing and Low-Complexity Detection Schemes (Invited Paper) 53
Fan Jiang, Cheng Li, Zijun Gong, and Yan Zhang

An Efficient Joint Tx-Rx Beam Search Scheme in mmWave Massive MIMO Systems (Invited Paper). 64
Liru Geng, Tiankui Zhang, Zhimin Zeng, and Xiao Han

A Low-Complexity Discrete Gbest-guided Artificial Bee Colony Algorithm for Massive MIMO Detection 75
Boyang Zou, Weixiao Meng, Lin Li, and Shuai Han

Reconsider the Sparsity-Induced Least Mean Square Algorithms on Channel Estimation. 85
Jie Wang, Shangang Fan, Jie Yang, Jian Xiong, and Guan Gui

A Method for Analysing and Improving the Multi-user Detection Algorithm of SCMA 103
Shuai Han, Yiteng Huang, and Bin Wang

WSNs and VANETs

Cluster-Based Cooperative Data Service for VANETs 119
Yongyue Shi, Xiao-hong Peng, Hang Shen, and Guangwei Bai

An Energy-Aware On-Demand Multicast Routing Protocol for Wireless Ad Hoc and Sensor Networks. 130
Xiaoyao Huang and Baoxian Zhang

Energy Consumption of Polar Codes for Wireless Sensor Networks 140
Liping Li, Quanyv Wang, Yanjun Hu, and Chuan Zhang

A New Distributed Routing Protocol for Wireless Sensor Networks with Mobile Sinks. 150
Hengyi Wen, Zheng Yao, Huiqiang Lian, and Baoxian Zhang

Delay-Aware Dynamic Barring Scheme for Massive Access in NB-IoT Network. 160
Wenyan Liu, Jun Zhang, Xinghua Sun, and Hongbo Zhu

Security and IoT

Security Analysis of Authentication Overlaying Tag Signal 173
Song Huawei, Liang Jin, and Shengjun Zhang

Distributed Cloud Forensic System with Decentralization and Multi-participation. 181
Xuanyu Liu, Xiao Fu, Bin Luo, and Xiaojiang Du

On the Optimal Spectrum Partitioning in D2D Enhanced Cellular Sensor Networks. 197
Liqun Zhao, Hongpeng Wang, and Xiaoxiong Zhong

LQI-DCPSec: Secure Distributed d-Cluster Formation in Wireless Sensor Networks. 210
Cherif Diallo and Maimouna Tedy Sow

Swarm of Networked Drones for Video Detection of Intrusions 221
Mustapha Bekhti, Nadjib Achir, and Khaled Boussetta

Ring of Scatterers Based Localization Using Single Base Station 232
Zengshan Tian, Yueyue Shu, Yong Li, Mu Zhou, and Ze Li

Wireless Networking (II)

An Enhanced Listen Before Talk (e-LBT) Mechanism for Avoiding Hidden Nodes in an LTE-U and WiFi Coexistence System 241
Liangyu Chu, Jun Zheng, and Jie Xiao

A Space-Time Graph Based Unpredictable Interruptions-Resilient Routing Algorithm in Satellite Disruption-Tolerant Networks 250
Nan He, Peng Yuan, Zhihua Yang, and Qing Guo

An Improved Cluster Routing Algorithm Based on ZRP Protocol 261
Xuefeng Lv, Xinxi Le, and Kui Ding

Key Management Scheme for Wireless Sensor Networks 272
Yongjian Wang and Jing Zhao

Wireless Communications

A Novel Channel Model for Molecular Communications Based on Inter-cellular Calcium Wave. 287
Hengtai Chang, Ji Bian, Jian Sun, Wensheng Zhang, and Cheng-Xiang Wang

Spatial-Temporal Distribution of Mobile Traffic and Base Station Clustering Based on Urban Function in Cellular Networks 300
Tong Wang, Xing Zhang, and Wenbo Wang

Research on Irregular Carrier Aggregation in Complex Electromagnetic Environment 313
Jingning Wang and Meng Liu

Performance Analysis of Frequency Division Multiplex Complementary Coded CDMA Systems. 319
Siyue Sun, Kun Wang, Guang Liang, Feng Tian, and Zaiyang Jiang

A Novel Optical Index Modulation Aided DCO-OFDM Scheme for VLC Systems 328
Haodong Li, Jian Sun, Wensheng Zhang, and Cheng-Xiang Wang

Wireless Networking Algorithms and Protocols

Analysis of Crowdsourcing Based Multiple Cellular Network: A Game Theory Approach 341
Yan Yan, Ye Wang, Jia Yu, Shushi Gu, Siyun Chen, and Qinyu Zhang

A Markov Decision Based Optimization on Bundle Size over Two-Hop Inter-satellite Links 354
Yue Li, Zhihua Yang, and Peng Yuan

An Energy-Efficient Localization-Based Geographic Routing Protocol for Underwater Wireless Sensor Networks 365
Kun Hao, Haifeng Shen, Yonglei Liu, and Beibei Wang

Power Allocation for Full Duplex Decode-and-Forward Cooperative Relay System 374
Shuai Han, Yi Zhang, Weixiao Meng, and Ningqing Liu

Application Scheme of PKI System in Wireless Medical Data Transmission Network 387
Hui Wang and Chenming Gu

One Division-Multiplexed of Control Code Based on Quantum Secure Direct Communication. 396
Jinlong Liu, Zhilu Wu, and Jianbo Zhao

A New Model for Cooperative Cognitive Radio Network Using Coalitional Game. 405
Sara Gmira, Abdellatif Kobbane, Mouna El Machkour, and Jalel Ben-othman

Cloud and Big Data Networking

Improving Multiple-Instance Learning via Disambiguation by Considering Generalization 419
Lu Zhao, Youjian Yu, Hao Chen, and Liming Yuan

Research on Interference Energy Harvesting Based on SWIPT Relay System 430
Jianxiong Li, Ke Zhao, Xianguo Li, Xuelong Ding, and Weiguang Shi

Optimization of Density-Based K-means Algorithm in Trajectory Data Clustering. 440
Mei-Wei Hao, Hua-Lin Dai, Kun Hao, Cheng Li, Yun-Jie Zhang, and Hao-Nan Song

A Haze Prediction Algorithm Based on PCA-BP Neural Network. 451
Dong Li, Shudong Liu, Rong Liu, Cheng Li, and Yunjie Zhang

Stabilization Control Design for Network Switched System with Communication Constrains 461
Yi Liu, Yuheng Pan, Weijia Lu, and Zhiyan Xue

Fuzzy Logic Load-Balancing Strategy Based on Software-Defined Networking 471
Guoyan Li, Tianying Gao, Zhigang Zhang, and Yadong Chen

Author Index 483