

Monday, 08 April 2013
11:00-12:30

SA 01: Applications in Wireless Sensor and Mesh Networks I

Circle-based Approximation to Forest Fires with Distributed Wireless Sensor Networks

M. Angeles Serma (University of Castilla-La Mancha, Spain); Aurelio Bermudez (University of Castilla-La Mancha, Spain); Rafael Casado (University of Castilla-La Mancha, Spain)

Collaborative Sequential Detection in Surveillance Sensor Networks

Tai-Lin Chin (National Taiwan University of Science and Technology, Taiwan); Kai-Lung Hua (National Taiwan University of Science and Technology, Taiwan); Tien-Ruey Hsiang (National Taiwan University of Science and Technology, Taiwan); Ge-Ming Chiu (National Taiwan University of Science and Technology, Taiwan); Shioh-yang Wu (National Dong Hwa University, Taiwan)

Cooperative Multi-target Tracking in Passive Sensor-based Networks

Frank Jiang (UNSW, Australia); Jiankun Hu (University of New South Wales, Australia)

High Performance Energy Efficient Multi-Channel Wireless Data Broadcasting System

Jiaofei Zhong (University of Central Missouri, USA); Zheng Gao (UTD, USA); Weili Wu (UT Dallas, USA); Weidong Chen (South China Normal University, P.R. China); Xiaofeng Gao (Shanghai Jiao Tong University, P.R. China); Xiaodong Yue (University of Central Missouri, USA)

Design of UHF RFID Broadband Anti-metal Tag Antenna Applied on Surface of Metallic Objects

Yejun He (Shenzhen University, P.R. China); Zhengzhen Pan (Shenzhen University, P.R. China)

A Lightweight Anomaly Detection Framework for Medical Wireless Sensor Networks

Osman Salem (University of Paris Descartes, France); Yaning Liu (JCP-Consult, France); Ahmed Mehaoua (University of Paris Descartes, France)

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SA 02: Applications in Wireless Sensor and Mesh Networks II

Coverage Overlapping Problems in Applications of IEEE 802.15.4 Wireless Sensor Networks

Chao Ma (Aston University, United Kingdom); Jianhua He (Aston University, United Kingdom); Hsiao-Hwa Chen (National Cheng Kung University, Taiwan); Zuoyin Tang (Aston University, United Kingdom)

An new node coordination scheme for data gathering in underwater acoustic sensor networks using autonomous underwater vehicle

Cheng Li (Memorial University of Newfoundland, Canada); Ramachandran Venkatesan (Memorial University of Newfoundland, Canada); Ruoyu Su (Memorial University, Canada)

An Overlapping Clustering Approach for Routing in Wireless Sensor Networks

Can Ma (Dalian University of Technology, P.R. China); Lei Wang (Dalian University of Technology, P.R. China); Jiaqi Xu (Dalian University Of Technology, P.R. China); Qin Zhenquan (Dalian University of Technology, P.R. China); Lei Shu (Guangdong University of Petrochemical Technology, P.R. China); Di Wu (Dalian University of Technology, P.R. China)

Power-efficient Nonuniform 2-D Fourier Analysis using Compressive Sensing in WSN

Xi Xu (University of Illinois at Chicago, USA); Rashid Ansari (University of Illinois at Chicago, USA); Ashfaq Khokhar (University of Illinois at Chicago, USA)

Fault-Tolerant Implementation of a Distributed MLE-based Time Synchronization Protocol for Wireless Sensor Networks

Djamel Djenouri (Centre de Recherche sur l'Information Scientifique et Technique (CERIST), Algiers, Algeria); Nassima Merabtine (Saad Dahlab University, Algeria); Fatma Zohra Mekahlia (Saad Dahlab University, Algeria); Messaoud Doudou (Centre de Recherche sur l'Information Scientifique et Technique (CERIST), Algeria)

The Design and Implementation of A General WSN Gateway for Data Collection

Newlyn Erratt (Indiana University Purdue University Indianapolis, USA); Yao Liang (Indiana University Purdue University Indianapolis, USA)

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SA 03: Applications in Mobile Communication and Network Technologies I

SmartVirtCloud: virtual cloud assisted application offloading execution at mobile devices' discretion

Lingjun Pu (Nankai University, P.R. China); Jingdong Xu (Nankai Univ, P.R. China); Xing Jin (Nankai University, P.R. China); Jianzhong Zhang (Nankai University, P.R. China)

A Cloud based Dual-Root Trust Model for Secure Mobile Online Transactions

Li Li (Wuhan University, P.R. China); Dijiang Huang (Arizona State University, USA); Zhidong Shen (Wuhan University, P.R. China); Samia Bouzeffrane (Conservatoire National des Arts et Métiers, France)

Group Access Control with Blacklist for Data Dissemination in Mobile Opportunistic Networks

Tzu-Hsin Ho (National Chiao Tung University, Taiwan); Chih-Wei Yi (National Chiao Tung University, Taiwan); Chien-Chao Tseng (National Chiao-Tung University, Taiwan)

Data transmission over mobile voice channel based on M-FSK modulation

Béchir Taleb Ali (ESIEE Paris, France); Geneviève B. Baudoin (ESIEE, France); Olivier Venard (ESIEE-Paris, France)

Content Retrieval Model for Information-Centric MANETs: 2-Dimensional Case

Wei Quan (Beijing University of Posts and Telecommunications, P.R. China); Jianfeng Guan (Beijing University of Posts and Telecommunications, P.R. China); Changqiao Xu (Beijing University of Posts and Telecommunications, P.R. China); Shijie Jia (State Key Laboratory of Networking and Switching Technology, P.R. China); Junlong Zhu (Beijing University of Posts and Telecommunications, P.R. China); Zhang Hongke (Beijing Jiaotong University, P.R. China)

Interest Aware PeopleRank: Towards Effective Social-based Opportunistic Advertising

Soumaia A. Al Ayyat (The American University in Cairo, Egypt); Khaled A. Harras (Carnegie Mellon University, USA); Sherif Aly (American University in Cairo, Egypt)

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SA 04: Applications in Mobile Communication and Network Technologies II

Preference-aware Object Retrieval in Opportunistic Mobile Social Networks

Hsiang-Hung Liu (Nation Taiwan University, Taiwan); Cheng-Fu Chou (NTU, Taiwan); Ing-Chau Chang (National Changhua University of Education, Taiwan)

A Survey of Trunking Communications over LTE: Implementation Framework, Application Requirements, and Quality of Service

Hongtao Yu (Harbin Institute of Technology, P.R. China); Siyue Sun (Harbin Institute of Technology, P.R. China); Qiyue Yu (Harbin Institute of Technology, P.R. China); Chenguang He (Harbin Institute of Technology, P.R. China); Weixiao Meng (Harbin Institute of Technology, P.R. China); Xue-Zhi Tan (Harbin Institute of Technology, P.R. China); Zhongzhao Zhang (Harbin Institute of Technology, P.R. China)

Identifying High Dissemination Capability Nodes in Opportunistic Mobile Social Networks

Qingsong Cai (Beijing Technology and Business University, P.R. China); Jianwei Niu (Beihang University, P.R. China); Guangzhi Qu (Oakland University, USA)

Mobile Computing - A Green Computing Resource

He Ba (University of Rochester, USA); Wendi Heinzelman (University of Rochester, USA); Charles-Antoine Janssen (HealthyBill, Belgium); Jiye Shi (UCB Pharma, USA)

Sensors-Assisted Rescue Service Architecture in Mobile Cloud Computing

Yu-Jia Chen (National Chiao Tung University, Taiwan); Chia-Yu Lin (National Chiao Tung University, Taiwan); Li-Chun Wang (National Chiao Tung University, Taiwan)

Performance Monitoring Framework for Wi-Fi MANET

Boaz Benmoshe (Ariel University Center, Israel); Eyal Berliner (Ariel University Center, Israel); Amit Dvir (K&CG Lab Department of Computer Science Ariel University Center, Ariel, Israel)

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SA 05: Applications in Mobile Communication and Network Technologies III

A Genetic Algorithm Approach for Detecting Hierarchical and Overlapping Community Structure in Dynamic Social Networks

Chun-Cheng Lin (National Chiao Tung University, Taiwan); Wan-Yu Liu (Aletheia University, Taiwan); Der-Jiunn Deng (National Changhua University of Education, Taiwan)

Transparently Secure Smartphone-based Social Networking

Yongdong Wu (Institute for Infocomm Research, Singapore); Zhigang Zhao (Institute for Infocomm Research, Singapore); Xuejun Wen (Institute for Infocomm Research, Singapore)

Content-Aware Transmission with Delay Threshold in Heterogeneous Networks

Yanbo Ma (Shanghai Jiao Tong University, P.R. China); Chen Wang (Shanghai Jiao Tong University, P.R. China); Meixia Tao (Shanghai Jiao Tong University, P.R. China); Zhu Han (University of Houston, USA)

Generation of a new IDS Test Dataset: Time to Retire the KDD Collection

Gideon Creech (University of New South Wales @ Canberra, Australia); Jiankun Hu (University of New South Wales, Australia)

Exploiting cluster multicast for P2P streaming application in cellular system

Mohammad Zulhasnine (Carleton University, Canada); Changcheng Huang (Carleton University, Canada); Anand Srinivasan (Carleton University, Canada)

Design of Cooperation-Based Remote Laboratory for Distributed Experimentation and Simulation

Lei Ning (Communication Research Center, Harbin Institute of Technology, P.R. China); Zhen-Yong Wang (Harbin Institute of Technology, P.R. China); Qing Guo (Harbin Institute of Technology, P.R. China); Kai-yuan Jiang (Communication Research Center, Harbin Institute of Technology, P.R. China); Ming Li (Communication Research Center, Harbin Institute of Technology, P.R. China)

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SA 06: Cognitive Radio Services and Applications

On the Construction of Radio Environment Maps for Cognitive Radio Networks

Zhiqing Wei (Beijing University of Posts and Telecommunications, P.R. China); Qixun Zhang (Beijing University of Posts and Telecommunications, P.R. China); Zhiyong Feng (Beijing University of Posts and Telecommunications, P.R. China); Wei Li (University of Victoria, Canada); T. Aaron Gulliver (University of Victoria, Canada)

Availability Assessment of Secondary Usage in Aeronautical Spectrum

Evanny Obregon (Royal Institute of Technology (KTH), Sweden); Ki Won Sung (Royal Institute of Technology (KTH), Sweden); Jens Zander (KTH Royal Institute of Technology, Sweden)

Joint Relay Selection and Power Allocation with QoS Support for Cognitive Radio Networks

Yang Yu (Beijing University of Posts and Telecommunications, P.R. China); Weidong Wang (Beijing University of Posts and Telecommunications, P.R. China); Chaowei Wang (Beijing University of Posts and Telecommunications, P.R. China); Feiyan Yan (Beijing University of Posts and Telecommunications, P.R. China); Yinghai Zhang (Beijing University of Posts and Telecommunications, P.R. China)

Cross-layer Cognitive CMT for Efficient Multimedia Distribution over Multi-homed Wireless Networks

Yuanlong Cao (Beijing University of Posts and Telecommunications, P.R. China); Changqiao Xu (Beijing University of Posts and Telecommunications, P.R. China); Jianfeng Guan (Beijing University of Posts and Telecommunications, P.R. China); Jia Zhao (Beijing Jiaotong University, P.R. China); Zhang Hongke (Beijing Jiaotong University, P.R. China)

Computer Prediction of Primary Contour and Service Areas for Unlicensed Radio Systems Operating in TV White Space

Gabriel Villardi (National Institute of Information and Communications Technology (NICT), Japan); Hiroshi Harada (National Institute of Information & Communications Technology (NICT), Japan)

A Novel Paradigm for Context-aware Content Pre-fetching in Mobile Networks

Pavan Kumar Kamaraju (University Of Maryland Baltimore County, USA); Pietro Lungaro (Royal Institute of Technology (KTH), Sweden); Zary Segall (KTH Royal Institute of Technology, Sweden)

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SA 07: Location-Based Services and Applications

Using Compressive Sensing to Reduce Fingerprint Collection for Indoor Localization

Yuexing Zhang (Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, P.R. China); Ying Zhu (Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, P.R. China); Mingming Lu (Shenzhen Institutes of Advanced Technology, P.R. China); Ai Chen (Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, P.R. China)

MonoPHY: Mono-Stream-based Device-free WLAN Localization via Physical Layer Information

Heba Abdelnaser (Alexandria University, Egypt); Reham Muhammad (Alexandria University, Egypt); Ibrahim Sabek (Alexandria University, Egypt); Moustafa Youssef (Egypt-Japan University of Science and Technology (E-JUST), Egypt)

A Modified M2M-Based Movement Prediction for Realistic Emergency Environments

Nusrat Ahmed Surobhi (University of Sydney, Australia); Abbas Jamalipour (University of Sydney, Australia)

ZiLoc: Energy Efficient WiFi Fingerprint-based Localization with Low-Power Radio

Jianwei Niu (Beihang University, P.R. China); Banghui Lu (Beihang University, Singapore); Long Cheng (Singapore University of Technology and Design, Singapore); Yu Gu (Singapore University of Technology and Design, Singapore); Lei Shu (Guangdong University of Petrochemical Technology, P.R. China)

\$3plus:\$ Privacy-Preserving Pseudo-Location Updating System in Location-Based Services

Ben Niu (Xidian University, P.R. China); Xiaoyan Zhu (Xidian University, P.R. China); Haotian Chi (Xidian University, P.R. China); Hui Li (Xidian University, P.R. China)

Mobility Tracking by Fingerprint-Based KNN/PF Approach in Cellular Networks

Zengshan Tian (Chongqing University of Posts and Telecommunications, P.R. China); Xindi Liu (Chongqing University of Posts and Telecommunications, P.R. China); Mu Zhou (Chongqing University of Posts and Telecommunications, P.R. China); Kunjie Xu (University of Pittsburgh, USA)

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SA 08: Multimedia Services and Applications I

Multiple-Tree Topology Construction Scheme for P2P Live Streaming Systems Under Flash Crowds

Haibo Wu (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China); Kunjie Xu (University of Pittsburgh, USA); Mu Zhou (Chongqing University of Posts and Telecommunications, P.R. China); Albert K. Wong (Hong Kong University of Science and Technology, Hong Kong); Jun Li (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China); Zhongcheng Li (Institute of Computing Technology, Chinese Academy of Sciences, P.R. China)

Iterative Joint Source-Channel Decoding Aided Transmission of Losslessly Compressed Video

Chuan Zhu (University of Southampton, United Kingdom); Yongkai Huo (University of Southampton, United Kingdom); Robert G Maunder (University of Southampton, United Kingdom); Santosh Kawade (British Telecom, United Kingdom); Lajos Hanzo (University of Southampton, United Kingdom)

Device Characteristics-based Differentiated Energy-efficient Adaptive Solution for Video Delivery over Heterogeneous Wireless Networks

Ruiqi Ding (Dublin City University, Ireland); Gabriel-Miro Muntean (Dublin City University, Ireland)

An Adaptive Unequal Error Protection based on Motion Energy of H.264/AVC Video Frames

Huu-Dung Pham (Charles Darwin University, Australia); Sina Vafi (Charles Darwin University, Australia)

Inter-Layer-Decoding Aided Self-Concatenated Coded Scalable Video Transmission

Yongkai Huo (University of Southampton, United Kingdom); Mohammed El-Hajjar (University of Southampton, United Kingdom); Muhammad Fasih Uddin Butt (COMSATS Institute of Information Technology, Islamabad, Pakistan); Lajos Hanzo (University of Southampton, United Kingdom)

Towards Personal Mobile Web Services

Khalid Elgazzar (Queen's University, Canada); Hossam S. Hassanein (Queen's University, Canada); Patrick Martin (Queen's University, Canada)

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SA 09: Applications in Vehicle Communication and Network Technologies

VeMail: A Message Handling System Towards Efficient Transportation Management

Ning Lu (University of Waterloo, Canada); Nan Cheng (University of Waterloo, Canada); Ning Zhang (University of Waterloo, Canada); Sherman Shen (University of Waterloo, Canada); Jon Mark (University of Waterloo, Canada)

A Novel Low-Power Mixed-Mode Implementation of Weight Update in Particle PHD Filters

Yingbin Liu (Zhejiang University, P.R. China); Zhiguo Shi (Zhejiang University, P.R. China); Kuan Zhang (University of Waterloo, Canada); Yunmei Zheng (Zhejiang University, P.R. China); Rongxing Lu (University of Waterloo, Canada); Sherman Shen (University of Waterloo, Canada)

Road Traffic Density Estimation in Vehicular Networks

Ruixue Mao (University of Sydney, Australia); Guoqiang Mao (The University of Sydney, Australia)

Shockwave Models for Crowdsourcing-based Traffic Information Mining

Yi-Ta Chuang (National Chiao-Tung University, Taiwan); Chih-Wei Yi (National Chiao Tung University, Taiwan)

DEBUT: Delay Bounded Service Discovery in Urban Vehicular Ad-hoc Networks

Fenggang Wu (Shanghai Jiao Tong University, P.R. China); Hongzi Zhu (Shanghai Jiao Tong University, P.R. China); Jia-Liang Lu (Shanghai Jiao Tong University, P.R. China); Min-You Wu (Shanghai JiaoTong University, P.R. China)

Leverage Parking Cars in a Two-tier Data Center

Lin Gu (The University of Aizu, Japan); Deze Zeng (School of Computer Science and Engineering, The University of Aizu, Japan); Song Guo (The University of Aizu, Japan); Baoliu Ye (Nanjing University, P.R. China)

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SA 10: Applications to Network Management and Scheduling

A Novel Game-based Demand Side Management Scheme for Smart Grid

Zubair Md. Fadlullah (Tohoku University, Japan); Minh Quan Duong (Tohoku University, Japan); Nei Kato (Tohoku University, Japan); Ivan Stojmenovic (University of Ottawa, Canada)

Deferrable Load Scheduling Optimization under Power Price Information Attacks in Smart Grid

Qiumin Dong (Nanyang Technological University, Singapore); Dusit Niyato (Nanyang Technological University, Singapore); Ping Wang (Nanyang Technological University, Singapore); Zhu Han (University of Houston, USA)

Efficient Encoding of Systematic Raptor Codes Based on Operation Lists for Known Block Lengths

Shiuan-Tung Chen (National Tsing Hua University, Taiwan); Hsin-Ta Chiao (Industrial Technology Research Institute (ITRI), Taiwan); Shih-Ying Chang (Industrial Technology Research Institute of Taiwan, Taiwan); Hung-Min Sun (National Tsing Hua University, Taiwan); Chia-Hsing Ho (National Tsing Hua University, Taiwan)

Cloud Offloading on Customer-Provided Resources

Kunfeng Lai (The Hong Kong Polytechnic University, Hong Kong); Hong Tang (China Telecom Co. Ltd., P.R. China); Haiyang Wang (Simon Fraser University, Canada); Shengyong Ding (Guangzhou Research Institute China Telecom Co. Ltd., P.R. China); Dan Wang (The Hong Kong Polytechnic University, Hong Kong)

A relay handoff algorithm in cooperative diversity system

Jingqiu Ren (School of Electric Information Engineering, Northeast Petroleum University, Daqing, Heilongjiang, P.R. China); Guanghai Zhang (Communication Research Center, Harbin Institute of Technology, P.R. China); Weidang Lu (Zhejiang University of Technology, P.R. China); Weixiao Meng (Harbin Institute of Technology, P.R. China)

A Joint Energy-Saving Mechanism for M2M Communications in LTE-based System

Linlin Sun (Beijing University of Posts and Telecommunications, P.R. China); Hui Tian (Beijing university of posts and telecommunications, P.R. China); Lingling Xu (Beijing University of Posts and Telecommunications, P.R. China)

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SA 11: Applications to Secure Communication and Network Technologies

SND: Secure Neighbor Discovery for 60 GHz Network with Directional Antenna

Zhiguo Shi (Zhejiang University, P.R. China); Rongxing Lu (University of Waterloo, Canada); Jian Qiao (University of Waterloo, Canada); Sherman Shen (University of Waterloo, Canada)

Secure User-Friendly Wi-Fi Access Point Joining

Jean-Marc Seigneur (University of Geneva, Switzerland); Carlos Ballester (University of Geneva, Switzerland); Alfredo Matos (Caixa Mágica Software, Portugal)

Optimal Relay Node Placement for Multi-pair Cooperative Communication in Wireless Networks

Biao Han (University of Tsukuba, Japan); Jie Li (University of Tsukuba, Japan); Jinshu Su (National University of Defence Technology, P.R. China)

Network Survivability under Disaster Propagation: Modeling and Analysis

Lang Xie (Norwegian University of Science and Technology, Norway); Poul E. Heegaard (Norwegian University of Science and Technology, Norway); Yuming Jiang (Norwegian University of Science and Technology (NTNU), Norway)

Realization of Timed Reliable Communication over Off-The-Shelf Wireless Technologies

Boris Malinowsky (Forschungszentrum Telekommunikation Wien, Austria); Jesper Grønbaek (Forschungszentrum Telekommunikation Wien, Austria); Hans-Peter Schwefel (Forschungszentrum Telekommunikation Wien, Austria)

Enabling Email Access under Intermittent Connectivity

Yang Xia (Nanyang Technological University, Singapore); Zoebir Bong (Nanyang Technological University, Singapore); Suguru Ishikawa (Osaka University, Japan); Chai Kiat Yeo (Nanyang Technological University, Singapore); Yuanyuan Mao (Nanyang Technological University, Singapore)

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SA 12: Multimedia Services, Applications and Networks

Design and Implementation of a Distributed WLS Localization and Tracking Algorithm in Wireless Sensor Network

Ching-Hsien Wang (National Central University, Taiwan); Pei-Yun Tsai (National Central University, Taiwan)

HQMedia: A High Playback Quality Peer-to-Peer Live Streaming System

Zhuo Chen (Chongqing University of Technology, P.R. China); Gang Feng (University of Electronic Science and Technology of China, P.R. China); Yi Lu (University of Electronic Science and Technology of China, P.R. China)

Augmented Reality Assisted Photo Positioning for Mobile Devices

Chih-Wei Yi (National Chiao Tung University, Taiwan); Yu-Chee Tseng (National Chiao-Tung University, Taiwan); Juyi Lin (National Chiao Tung University, Taiwan)

Cell Sizing Based Energy Optimization in Joint Macro-Femto Deployments via Sleep Activation

Zhenni Pan (Waseda University, Japan); Shigeru Shimamoto (Waseda University, Japan)

A Hierarchical Naming System for Scalable Content Distribution in Large Networks

Yaxiong Zhao (Amazon.com Inc, USA); Jie Wu (Temple University, USA); Cong Liu (Sun Yat-sen University, P.R. China); Mingming Lu (Shenzhen Institutes of Advanced Technology, P.R. China)

A Multi-Service Multi-role Integrated Information Model for Dynamic Resource Discovery in Virtual Networks

May El Barachi (Zayed University, UAE); Sleiman Rabah (Concordia University, Canada); Nadjia Kara (École de Technologie Supérieure, Canada); Rachida Dssouli (Concordia University, Canada); Joey Paquet (Concordia University, Canada)

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SA 13: Poster Session

Utility-based Dynamic Revenue Pricing Scheme for Wireless Operators

Bin Zeng (Southwest Jiaotong University, P.R. China); Xuming Fang (Southwest Jiaotong University, P.R. China); Liang Qing (Southwest Jiaotong University, P.R. China)

New Trend of IOT's Core Wireless Technology: a Novel RFID Network

Xuan He (Shanghai Jiao Tong University, P.R. China); Zhao Run (Shanghai Jiaotong University, P.R. China); Wang Dong (Computer Science and Engineering Department, Shanghai Jiao Tong University, P.R. China)

Energy-Efficient Resource Allocation in Cognitive Radio Systems

Weijia Shi (Nanjing University, P.R. China); Shaowei Wang (Nanjing University, P.R. China)

Mobile Network Measurements - It's not all about Signal Strength

Sebastian Sonntag (Aalto University, Finland); Lennart Schulte (Aalto University, Finland); Jukka M J Manner (Aalto University, Finland)

PARED: A Testbed with Parallel Reprogramming and Multi-channel Debugging for WSNs

Kefu Yi (Beihang University, P.R. China); Renjian Feng (Beihang University, P.R. China); Ning Yu (Beihang University, P.R. China); Peng Chen (Beihang University, P.R. China)

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SA 14: Poster Session

Characterization of the Confidentiality of a Green Time Reversal Communication System: Experimental Measurement of the Spy BER Sink

Dinh-Thuy Phan-Huy (Orange-France Telecom, France); Thierry Sarrebourg (Orange-France Telecom, France); Azeddine Gati (Orange Labs, France); Joe Wiart (Orange-France Telecom, France); Maryline H elard (INSA Rennes, France)

WLAN Indoor Positioning Algorithm Based On Sub-Regions Information Gain Theory

Lin Ma (Harbin Institute of Technology, P.R. China); Xinru Ma (Harbin Institute of Technology, P.R. China); Xi Liu (Harbin Institute of Technology, P.R. China); Yubin Xu (Harbin Institute of Technology, P.R. China)

Localized Local Fisher Discriminant Analysis for Indoor Positioning in Wireless Local Area Network

Zhian Deng (Harbin Institute of Technology, P.R. China); Yubin Xu (Harbin Institute of Technology, P.R. China); Liang Chen (Harbin Institute of Technology, P.R. China)

A Bandwidth Efficient and Proportional Fairness Video Transmission Scheme in TV White Space

Cong Liu (Huazhong University of Science & Technology, P.R. China); Li Yu (Huazhong University of Science & Technology, P.R. China); Yuan Gao (Huazhong University of Science & Technology, P.R. China); Zuhao Liu (Huazhong University of Science & Technology, P.R. China)

A Cross-Layer Architecture for Service Continuity and Multipath Transmission in Heterogeneous Wireless Networks

Min-Cheng Chan (National Chiao Tung University, Taiwan); Chien-Chao Tseng (National Chiao-Tung University, Taiwan); Li-Hsing Yen (National University of Kaohsiung, Taiwan)

Aggregator System of Real-Sense Acquisition for 4D Media Authoring based on MPEG-V

Hyun-Woo Oh (Electronics & Telecommunications Research Institute, Korea)