

Poster Sessions

January 30, 2013 (Wednesday)

09:30-10:30

Poster Session I

January 30, 2013 (Wednesday)

11:00-12:00

Poster Session II

Poster Session I

[P1-1] R-HWMP: Reservation-based HWMP supporting End-to-end QoS in Wireless Mesh Networks

Whoi Jin Jung, Seok Hong Min (Chungnam National University, Korea), Bong Gyu Kim, Hyung Suk Choi (Agency for Defense Development, Korea), Jae Yong Lee, and Byung Chul Kim (Chungnam National University, Korea)

[P1-2] Agent driven Multi-Constrained Quality of Service Anycast Routing in Mobile Ad hoc Networks

Vijayashree Budyal (Basaveshwar Engineering College, India), S. S. Manvi (Reva Institute of Technology and Management, India), and S. G. Hiremath (G M Institute of Technology, India)

[P1-3] Dynamic TXOP Allocation for Multimedia QoS Providing over Wireless Networks

Kwangsung Ju, and Kwangsue Chung (Kwangwoon University, Korea)

[P1-4] Priority-based Contention Period Allocation for Directional CSMA/CA in Smart Home

Yongsun Kim, and Hoyong Kang (Electronics and Telecommunications Research Institute, Korea)

[P1-5] OSLMAC: One-Step Look-ahead MAC protocol for concurrent transmission over wireless ad hoc networks

Jiseon Lee, Hyeonmok Ko, and Cheeha Kim (Pohang University of Science and Technology (POSTECH), Korea)

[P1-6] Indoor Localization Improvement via Adaptive RSS Fingerprinting Database

Chavalit Koweerawong, Komwut Wipusitwarakun (Thammasat University, Thailand), and Kamol Kaemarungsi (National Electronics and Computer Technology Center (NECTEC), Thailand)

[P1-7] Improved AOMDV to Increase Path Stability by Utilizing The Node Mobility Information in MANET

Ran Park, Wuwoan Kim, and Sangdong Jang (Kyungnam University, Korea)

[P1-8] Weighted Bandwidth Sharing Scheme to Guarantee the Video Quality in Home Networks

Dooyeol Yoon (Kwangwoon University, Korea), Sungchang Lee (Korea Aerospace University, Korea), Jinpyo Hong (Hankuk University of Foreign Studies, Korea), and Kwangsue Chung (Kwangwoon University, Korea)

[P1-9] Transmission Frame Assignment for Latency-bounded Data Delivery in WSNs

Eui-Jik Kim, Jung-Hyok Kwon, Chul-Hee Kang (Korea University, Korea), and Sang-Hong Lee (KT Powertel Corp., Korea)

[P1-10] Performance Evaluation of Cognitive Radio Network Predictive MAC (P-MAC) Access Algorithm and its Enhancement

Hanan Hussein, Hussein A. Elsayed, and Salwa Elramly (Ain Shams University, Egypt)

[P1-11] An Efficient Iterative Detection Scheme for Coded MIMO Systems

Saleem Ahmed, and Sooyoung Kim (Chonbuk National University, Korea)

[P1-12] Self-Evaluating Reinforcement Learning Based Spectrum Management for Cognitive Ad Hoc Networks

E. Eylem Ozekin (Bogazici University, Turkey), F. Cihan Demirci (Dogus University, Turkey), and Fatih Alagoz (Bogazici University, Turkey)

[P1-13] Expected Traffic Reduction by Content-oriented Incentive in Peer-assisted Content Delivery Networks

Naoya Maki, Takayuki Nishio, Ryoichi Shinkuma, Tatsuro Takahashi (Kyoto University, Japan), Tatsuya Mori, Noriaki Kamiyama, and Ryoichi Kawahara (NTT Corporation, Japan)

[P1-14] Proactive cache management method for content hash based distributed archive system

Yutaka Yasuda (Kyoto Sangyo University, Japan), Shingo Ata, and Ikuo Oka (Osaka City University, Japan)

[P1-15] An Intelligent Approach for Virtual Machine and QoS Provisioning in Cloud Computing

Amit Kumar Das, Tamal Adhikary, Md. Abdur Razzaque (University of Dhaka, Bangladesh), and Choong Seon Hong (Kyung Hee University, Korea)

[P1-16] Security Issues in Vehicular Networks

Yeongkwun Kim (Western Illinois University, USA), and Injoo Kim (East-West University, USA)

[P1-17] Security Tactics for Secured Cloud Computing Resources

ByungRae Cha, and JongWon Kim (GIST, Korea)

[P1-18] A Network Partition Scheme to Protect Secure Zone for Malicious Code

Jungeun Jee, Joopal Jang, Inhee Jo, and Yongtae Shin (Soongsil University, Korea)

[P1-19] iPanda: A Comprehensive Malware Analysis Tool

Peidai Xie, Xicheng Lu, Jinshu Su, Yongjun Wang, and Meijian Li (National University of Defense Technology, China)

[P1-20] Media Adaptation model based on character object for Cognitive TV

Svetlana Kim, and Yong-Ik Yoon (Sookmyung Women's University, Korea)

[P1-21] A New Video Search Approach Based on User's Preference and Query Ambiguity

Wangxi Jia, Hai Jin, and Xiaofei Liao (Huazhong University of Science and Technology, China)

[P1-22] Multi-Supplier Integration Management for Public Protection and Disaster Relief (PPDR) Organizations

Jyri Rajamäki (Laurea University of Applied Sciences, Finland), and Markus Vuorinen (HP Enterprise Service, Hewlett-Packard, Finland)

[P1-23] A Comparative Study on Wireless Backhaul Solutions for Beyond 4G Network

Xin Su, and KyungHi Chang (Inha University, Korea)

[P1-24] Novel Bulletin Board System based on Document Object Model and Client-Side Scripting for Improved Interaction

Jung Uye Hong, Myoungbeom Chung, and Hyunseung Choo (Sungkyunkwan University, Korea)

[P1-25] Binary-tree-based High Speed Packet Classification System on FPGA

Jingjiao Li, Yong Chen (Northeastern University, China), Cholman HO (Kim Il Sung University, D.P.R of Korea), and Zhenlin Lu (Northeastern University, China)

[P1-26] Ontology Modeling for REST Open APIs and Web Service Mash-up Method

Wan Jung, Sang Il Kim, and Hwa Sung Kim (Kwangwoon University, Korea)

[P1-27] A New Estimation Method Using RTT for Available Bandwidth of A Bottleneck Link

Masaharu IMAI, Yoshio SUGIZAKI, and Koichi ASATANI (Kogakuin University, Japan)

[P1-28] Efficient Control Plane for Passive Optical Burst Switching Network

Ahmed Triki, Paulette Gavignet, Bernard Arzur, Esther Le Rouzic (France Telecom – Orange Labs, France), and Annie Gravey (Institut Telecom, France)

[P1-29] A Novel Approach for Designing A Feedback Controller of linear Time Invariant Networked Control Systems with Delayed-Transmission Time

Hatim G. Zaini (Taif University, Saudi Arabia)

[P1-30] ANDSF-based Congestion Control Procedure in Heterogeneous Networks

Young Min Kwon, Jun Suk Kim, Jaheon Gu, and Min Young Chung (Sungkyunkwan University, Korea)

[P1-31] Green Dynamic Configuration in Two-Tier LTE Femtocell Networks

Yao-Liang Chung (National Taipei University, Taiwan)

Poster Session II

[P2-1] Performance Evaluation of DCSK System with Chaotic Maps

Suwa Kim, Junyeong Bok, and Heung-Gyoon Ryu (Chungbuk National University, Korea)

[P2-2] Mobile Communications Challenges to Cross-border Tracking Operations Carried out by Law Enforcement Authorities

Jyri Rajamäki, and Pasi Kämppi (Laurea University of Applied Sciences, Finland)

[P2-3] Ecsy-Recsy: Considering Sybil Attack with Time Dynamics and Economics in Recommender System

Giseop Noh, Young-myung Kang, and Chong-kwon Kim (Seoul National University, Korea)

[P2-4] An Effect of Variable Distance on IP Camera Performance Implemented on WLAN Robot

Sanon Chimmanee (Rangsit University, Thailand)

[P2-5] HRP: A HMAC-based RFID mutual authentication protocol using PUF

Seung Wook Jung, and Souhwan Jung (Soongsil University, Korea)

[P2-6] Analysis in the Internet Traffic Pattern based on RTT over ADSL in Thailand

Sanon Chimmanee (Rangsit University, Thailand), and Puttinun Patpituck (Mahidol University, Thailand)

[P2-7] Picture Archiving and Communication System (PACS) Characteristic on Wired-line and Wireless Network for Traffic Simulation

Sanon Chimmanee (Rangsit University, Thailand), and Puttinun Patpituck (Mahidol University, Thailand)

[P2-8] A Classification of Network Traffic Status for Various Scale Networks

Jaehwa Park, and JunSeong Kim (Chung-Ang University, Korea)

[P2-9] Recursive Layering of Forwarding on Gates and Traffic Engineering Middleware for Ethernet

Florian Liers, Markus Hager, Sebastian Schellenberg, and Jochen Seitz (Ilmenau University of Technology, Germany)

[P2-10] Time slot-adding algorithm for improving bottleneck link throughput in IEEE 802.16j relay networks

Tomoya Kitayama, Go Hasegawa, Yoshiaki Taniguchi, and Hirotaka Nakano (Osaka University, Japan)

[P2-11] Influence of Multi-rate Control Function on the End-to-End Latency of Multi-hop Wireless LAN

Michifumi Miyashita (Central Research Institute of Electric Power Industry, Japan), and Jun-ichi Takada (Tokyo Institute of Technology, Japan)

[P2-12] Reliable Anchor Node Based Range-free Localization Algorithm in Anisotropic Wireless Sensor networks

Hyunjae Woo, Chaewoo Lee, and Seongkeun Oh (Ajou University, Korea)

[P2-13] IP-based Access to Sensor Networks Enabled by a Transparent Proxy Server

Markus Hager, Maik Debes, Sebastian Schellenberg, and Jochen Seitz (Ilmenau University of Technology, Germany)

[P2-14] Redundant transmission in wireless networked control system over IEEE 802.15.4e

Bui Xuan Yen, Do Trong Hop, and Myungsik Yoo (Soongsil University, Korea)

[P2-15] Range-free Localization with Isotropic Distance Scaling in Wireless Sensor Networks

Hyunjae Woo, Sangwoo Lee, and Chaewoo Lee (Ajou University, Korea)

[P2-16] Bandwidth-aware Routing for TDMA-based Mobile Ad Hoc Networks

Xu Zhen (Wuhan Polytechnic University, China), and Yang wenzhong (XinJiang University, China)

[P2-17] Packet Value Based Scheduling for Wireless Local Area Networks

Aruna Jayasuriya (CQ University, Australia), and Anselm Teh (University of South Australia, Australia)

[P2-18] A Scheduling Algorithm for Shared Sensor and Actuator Networks

Claudio M. de Farias, Luci Pirmez, Flávia C. Delicato (Universidade Federal do Rio de Janeiro), Wei Li, Albert Y. Zomaya (The University of Sydney, Australia), and José N de Souza (Universidade Federal do Ceará, Brazil)

[P2-19] A VANET Routing Protocol based on the Road Vehicle Density Information in the City Environment

Hyun Yu, and Sanghyun Ahn (University of Seoul, Korea)

[P2-20] Flow Based 3G/WLAN Vertical Handover Scheme using MIH Model

Hyun-Dong Chu, Hyunjung Kim, and Seung-Joon Seok (Kyunghnam University, Korea)

[P2-21] Secure Handoff Method for Seamless Service Provisioning in Infrastructure Mode 802.11i System

Jaesung Park (University of Suwon, Korea)

[P2-22] A Binary Analysis Method for Protocol Deviation Discovery from Implementations

Meijian Li, Yongjun Wang, and Peidai Xie (NUDT, China)

[P2-23] Software Optimization for Embedded Communication System

Inhye Park, Hyungkeun Lee, and Hyukjoon Lee (Kwangwoon University, Korea)

[P2-24] Radio Access Considerations for Data Offloading with Multipath TCP in Cellular/WiFi Networks

Miguel Angel Patiño González, Takeshi Higashino, and Minoru Okada (Nara Institute of Science and Technology, Japan)

[P2-25] Network Traffic Reduction through Smart Network

Jaehoon Jeong (Yonsei University, Korea), Hyeryung Jang (KAIST, Korea), Yujin Kim (Yonsei University, Korea), Yung Yi (KAIST, Korea), and Jeonghoon Mo (Yonsei University, Korea)

[P2-26] Deterministic Approach to Rendezvous Channel Setup in Cognitive Radio Networks

Haile B. Weldu, Bosung Kim, and Byeong-hee Roh (Ajou University, Korea)

[P2-27] Multi-Client/Multi-Server Split Architecture

Bharat S. Rawal (Shaw University, USA), Lewis Berman (Loyola University Maryland, USA), and Harold Ramcharan (Shaw University, USA)

[P2-28] An Interworking Architecture between Internet and Contents Oriented Networks

Haneul Ko, Younghyun Kim, Minsu Shin, and Sangheon Park (Korea University, Korea)

[P2-29] Feasibility Considerations of Multipath TCP in Dealing with Big Data Application

Zia Ush Shamszaman, Safina Showkat Ara, and Ilyoung Chong (Hankuk University of Foreign Studies, Korea)

[P2-30] Correlation Analysis of MQTT Loss and Delay According to QoS Level

Shinho Lee, Hyeonwoo Kim, Dong-kweon Hong, and Hongtaek Ju (Keimyung University, Korea)