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4. Transmission of Multimedia Data over Next Generation Wireless Networks

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5. A Distributed Ant Colony Algorithm Based On Cross-Entropy for Multi-Constraints QoS Routing

Hua Wang, Gang Wang, Jun Ma, Zhao Shi(Shandong University, China) **1811**

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Lei Liu(Polytechnic University, USA) **1817**

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4. An Improved Multiple-Shift Algorithm for Rapid Code Acquisition in Optical CDMA Systems

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Kuk-Se Kim, Chanmo Park(Chosun University, Korea), Kyung-Sik Seo(MOMED CO.,LTD, Korea), Il-Yong Chung, Joon Lee(Chosun University, Korea) **1859**

3. The Scenario Implementation of Home Networking

Jethro Tu, Wen-Wei Lin, Jung-Chih Wang, Yu-Tse Lin(ITRI, Taiwan) **1863**

4. Upstream Channel Synchronization for Cable Modem System

Youngje Kim, Hyunju Ha, Junseo Lee, Wangrok Oh, Whanwoo Kim(Chungnam National University, Korea), Eungdon Lee, Yun-Jeong Song(ETRI, Korea) **1866**

5. Convergence System for Home Information Control based on the Web and Mobile

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Yusuke Sakaguchi, Masayuki Kurosaki ,Hiroshi Ochi(Kyushu Institute of Technology, Japan) **1877**

2. An Adaptive Error Concealment Scheme for H.264/AVC Transmission over Packet-Loss networks

Bin Chen, Rong Luo(Tsinghua University, China) **1882**

3. Advanced Routing Algorithms and Load Balancing on MPLS

Tran Cong Hung Ph.D., Nguyen Hoang Thanh, Nguyen Duc Thang (PTIT, Viet Nam), Hae Won Jung, Tae Il Kim, Sung Hei Kim, Woo Jin Yang (ETRI, Korea) **1888**

4. Bandwidth-Scalable video Broadcasting for VBR encoded videos with High Performance

Yong Wang , Junzhong Gu , Kai-Zhong Jiang, Zi-Cheng Li(East China Normal University, China) **1894**

5. Decision Feedback Differential Detection with Postdetection Diversity Reception for DPSK/OFDM Systems

Jeong Hoon Lee, Jin Yong Choi, Jong Soo Seo(Yonsei University, Korea) **1900**

6. d-Cast : A Division Based Broadcasting System for IP Networks

Yusuke Gotoh, Tomoki Yoshihisa and Masanori Kanazawa(Kyoto University Kyoto, Japan) **1904**

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1. Turbo Receiver Design with Carrier-Frequency Offset Estimation for LDPC-Coded MIMO OFDM Systems

S. Salari, M. Ardebilipour, M. Ahmadian(K.N.Toosi University, Iran), J.P. Cances, V. Meghdadi(University of Limoges, France) **1913**

2. Adaptive Power Allocation for Limited Feedback Multi-Antenna Transmissions

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3. A Study of Seamless Handover Service and QoS in Heterogeneous Wireless Networks

Moon Kim, Sung-Joon Cho(Hankuk Aviation University, Korea), Su-Yong Kim(Motorola Korea, Inc., Korea) **1924**

4. Analytical Model of UWB Interference Imposed on Co-Channel Narrowband Users

Guang Zeng, Peter Voltz, and Frank Cassara(Polytechnic University, USA) **1928**

5. Comparison of Coded and Uncoded Vertical and Horizontal Layered Structure for MIMO OFDM System

Khalida Noori, Sami Ahmed Haider(Military College of Signals National University, Pakistan) **1933**

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1. Attacks on a Blind Signature-Based Steganographic Protocol of IEEE-WISP 2001

Huo-Chong Ling, Swee-Huay Heng(Multimedia University, Malaysia), Raphael C.-W. Phan(Swinburne University of Technology, Malaysia) **1939**

2. Host Based Intrusion Detection Architecture for Mobile AD HOC Networks

Prabhudutta Ray(CDAC, NOIDA, India) **1944**

3. Adaptive DWT-SVD Domain Image Watermarking Using Human Visual Model

Qiang Li, Chun Yuan, Yu-Zhuo Zhong(Tsinghua University, China) **1949**

4. Dynamic Rule Set Mapping Strategy for the Design of Effective Semantic Cache

M.R.Sumalatha(Department of Information Technology, India), V.Vaidehi(Department of Electronics Engineering, India), A.Kannan(Anna University, India) M.Rajasekar, M Karthigaiselvan(Department of Information Technology, India) **1954**

5. A Modified and Practical Threshold Proxy Signature Scheme Based on RSA

GENG Yong-Jun(Huazhong University of Science & Technology, China), TIAN Hui(Pingdingshan Institute of Technology, China), HONG Fan(Huazhong University of Science & Technology, China) **1960**

6. Cache Poisoning Detection Method for Improving Security of Recursive DNS

Yong Wan Ju, Kwan Ho Song, Eung Jae Lee(NIDA, Korea), Yong Tae Shin(Soongsil Univ, Korea) **1963**

Session 10C: Next Generation Network Technology (IV)

1. Route Optimization Mechanism for the Mobile VPN users in Foreign Networks

Kyoungmin Kim, Haesun Byun, Meejeong Lee(Ewha Womans University, Korea) **1971**

2. Splitting mechanism for IP into Identifier and Locator in NGN

Min-kyo In, Seung-yun Lee(ETRI, Korea), Dae-young Kim(Chungnam national university, Korea) **1976**

3. Designing of Data Link Layer for Virtual Bus Architecture

Rosilah Hassan, James Irvine, Ian Glover(University of Strathclyde, United Kingdom) **1980**

4. Efficient Data Relaying Mechanism for Overlay Multicast Streaming Services

Jong Min Lee, Juyoung Park , Shin-Gak Kang(ETRI, Korea) **1985**

5. PSTN/ISDN/xDSL Evolution to Broadband convergence Network

Kyu Ouk Lee, Jin Ho Hahm, Young Sun Kim(ETRI, Korea) **1989**

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1. Spectrum of E-mail Network

Yihjia Tsai, Wen-Fa Huang(Tamkang University, Taiwan), Cheng-Chin Lin(Tung Nan Institute of Technology, Taiwan), Ping-Nan Hsiao(Tamkang University, Taiwan) **1995**

2. Noise-Canceller based on Generalized Neural Network

Agya Mishra, R.N.Yadav(Maulana Azad National Institute of Technology, India), D.K.Trivedi(RIST, India) **2000**

3. Handling Routed Traffic Over Ports Participating in Spanning Tree Protocol

Ravi Kumar Buregoni(Infosys Technologies Limited, India) **2003**

4. ECTP for Interactive Multicast Transport: Design and Implementations

Jae-Sung Park, Sang-Tae Kim, Seok J. Koh(Kyungpook National University, Korea), Yong-Jin Kim(Modacom Incorporation, Korea) **2009**

5. Transfer Delay of Buffer Insertion Ring with Priority

Xiaobo Zhou, Liu Liu(Beijing Jiaotong University, China), Lieguang Zeng (Tsinghua University, China) **2015**

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1. A Non-coherent UWB Direct Chaotic Indoor Positioning System using Fuzzy Logic Algorithm

Sang Yub Lee, Wan Chul Yang(Samsung Electro-Mechanics Co. Ltd., Korea) **2023**

2. A Simple Object Tracking System Using ITDOA without Time Synchronization

SangYoung Park, Hyo-Sung Ahn, Wonpil Yu(ETRI, Korea) **2028**

3. Post-processing of Fingerprint Localization using Kalman Filter and Map-matching Techniques

Claude Takenga, Tao Peng(Leibniz University of Hannover, Germany), Kyandoghere Kyamakya(Alpen Adria University Klagenfurt, Austria) **2031**

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2. Resource Matchmaking in Grid – Semantically

Neela Narayanan V, Kailash S(Centre for Development of Advanced Computing, India) **2053**

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Salim Abdalla, Ismail Ahmad,(Multimedia University, Malaysia), Gim Aik Teh, Yong Lee Kee(Intel Technology Sdn Bhd, Malaysia) **2058**

4. WSRF-based Global/Local Resource Mapping Architecture

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5. Credit Scoring using Least Squares Support Vector Machine based on data of Thai Financial Institutions

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6. A design of an Learner`s cognitive structure LCMS based on RSM in e-learning

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1. Probability of Error for MB-OFDM System in the Presence of Multi-path Fading and Multi-User Interference

Guang Zeng, F. A. Cassara, P. Voltz(Polytechnic Univ., USA) **2081**

2. An Adaptive Energy Efficient System within IEEE 802.11 Standard

M. L. Huang, S. Lee, S.-C Park(Information and Communications University, Korea) **2087**

3. Cross-Layer QoS Framework in the IEEE 802.16 Network

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4. Optimal Beamforming for Multicasting Data in CMHP

Hyung-Tae Kim, Sung-Hoon Lim, Sae-Young Chung(KAIST, Korea) **2098**

5. A Study of Implementation of IEEE 802.11a Physical Layer on a Heterogeneous Reconfigurable Platform

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4. A Survey of the SEcure Neighbor Discovery (SEND) and Multi-Key Cryptographically Generated Addresses (MCGAs)

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5. An Energy-Efficient Dynamic Key Management in Wireless Sensor Networks

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1. Node Degree Sequence Preserving and Controlling S-metric

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