

1 **Integrated LTE Test-Bed Framework Evaluating EPC Compliance for IoT QoS Architecture**

Jiann-Liang Chen ; Han-Chuan Hsieh ; Yanuarius Teofilus Larosa

Internet of things (IoT) ; Quality of service (QoS) ; Long term evolution (LTE) ; NetFPGA ; OpenFlow

2 **Design and Implementation of Automatic Network Topology Discovery System for International Multi-Domain Future Internet Testbed**

Wun-Yuan Huang ; Jen-Wei Hu ; Shu-Cheng Lin ; Te-Lung Liu ; Pang-Wei Tsai ; Chu-Sing Yang ; Fei-I Yeh ; Jim-Hao Chen ; Joe J. Mambretti

Future Internet ; OpenFlow ; NOX ; ENVI

3 **A Probabilistic Packet Marking Scheme with LT Code for IP Traceback**

I-Long Lin ; Shih-Hao Peng

Network forensics ; Distributed denial of service ; IP traceback ; PPM ; LT code

4 **A Network Based Mobility Management Scheme Supported for ID/Locator Separation**

Li Yi ; Hua-Chun Zhou ; Hong-Ke Zhang

ID/Locator separation ; Mobility management ; PMIPv6 ; Micro mobility ; Macro mobility

5 **NARS: Network Bandwidth Adaptive Scalable Real-Time Streaming for Smart Ubiquitous Middleware**

Sung-Won Ahn ; Hae-Sun Jung ; Chuck Yoo ; Yong-Woo Lee

Network channel condition ; Adaptive quantization step ; Real-Time streaming ; Smart middleware ; Ubiquitous computing

6 **Agent-Based Semantic Collaborative Search**

Murat Şensoy

Multiagent Systems ; Semantic Web ; Collaborative Search

7 **Cryptanalysis of a Secure and Efficient Three-Pass Authenticated Key Agreement Protocol Based on Elliptic Curves**

Zeyad Mohammad ; Chien-Lung Hsu ; Yaw-Chung Chen ; Chi-Chun Lo

Cryptanalysis ; Key agreement ; Know key security ; Extended Canetti-Krawczyk ; Static private key leakage

8 **The Discovery of Network Structure for E-Learning Participation Prediction: An Integrated Bayesian Networks Approach**

Chi-I Hsu ; Shelly P. J. Wu ; Bing-Yi Lin

E-Learning participation ; Prediction ; Structural equation modeling ; Bayesian networks

9 **Efficient IP Routing Lookups for High-Performance Routers**

Hsin-Chou Chi ; Chia-Ming Wu ; Sheng-Chin Hsu

Router ; Routing ; Table lookup ; Access latency

10 **Implementation and Performance Evaluation of a Media Decoder with Hardware Acceleration Support Targeting High Definition Streams in the SBTVD Ginga Middleware**

Juliano Lucas Gonçalves : Tiago Henrique Trojahn : Felipe de Souza Marques : Júlio Carlos Balzano de

Mattos : Luciano Volcan Agostini : Leomar Soares da Rosa Junior

Middleware : Ginga : Media processing : Hardware decoding