

WiVeC2010 Advance Programme

Papers

37432

1 A Modulation Dependent Channel Coherence Metric for VANET simulation using IEEE 802.11p

Jared Dulmage, University of California, Los Angeles; Prof. Michael P. Fitz, University of California at Los Angeles; Danijela Cabric, University of California Los Angeles

44165

2 A Simple Privacy Preserving Route Tracing Mechanism for VANET

Sangjin Kim, Korea University of Technology and Education; Heekuck Oh, Hanyang University

42626

3 An Elliptic Curve Distributed Key Management for Mobile Ad Hoc Networks

Hisham Dahshan, James Irvine, University of Strathclyde

60670

4 An Empirical Study of RF link for Wireless Automotive Passive Entry System

Mohamed Cheikh, Continental Automotive; Jacques David, Jean Guy Tartarin, Université de Toulouse; Sébastien Kessler, Continental Automotive

52747

5 BSS: A Distributed Top-k Processing in Mobile BusNet for Security Surveillance

Xu Li, State University of New York at Buffalo; Jiajun Hu, Shanghai Jiao Tong University; Wei Shu, The University of New Mexico; Min-You Wu, Shanghai Jiaotong University

35766

6 Channel Allocation in a Multiple Distributed Vehicular Users Using Game Theory

Yusita Kasdani, National University of Singapore; Yong Huat Chew, Chau Yuen, Institute for Infocomm Research; Woon Hau Chin, Toshiba Research Europe Limited

99058

7 Comfort Applications in Vehicular Ad Hoc Networks Based on Fountain Coding

Saleh Yousefi, Urmia University; Tijani Chahed, TELECOM Sud Paris

78164

8 Coverage Area Prediction Method of Extremely Reliable In-car MB-OFDM UWB Communication

Ryouhei Kaneko, Akihiro Yamakita, Fumiaki Maehara, Waseda University

33402

9 Efficient Time Diversity Evaluation for Direct Tire Pressure Monitoring System

Mohamed Cheikh, Continental Automotive; Jacques David, Université de Toulouse; Sébastien Kessler, Continental Automotive

31388

10 Empirical Doubly-Selective Dual-Polarization Vehicular MIMO Channel Model

Guillermo Acosta-Marum, Georgia Institute of Technology; Brett T. Walkenhorst, Robert J. Baxley, Georgia Tech Research Institute

Demos

28740

1 A Demonstrator for Beamforming in C2X Communication

Hagen Stuebing, Adam Opel GmbH; Abdulhadi Shoufan, Sorin A. Huss, Technische Universität Darmstadt

54373

2 DEMO: Simulation-as-a-Service for ITS Applications

Jérôme Härrri, Karlsruhe Institute of Technology (KIT); Moritz Killat, University of Karlsruhe; Tessa Tielert, Karlsruhe Institute of Technology; Jens Mittag, Karlsruhe Institute of Technology (KIT); Hannes Hartenstein, University of Karlsruhe

97399

11 Enhancing Security and Privacy in C2X Communication by Radiation Pattern Control

Hagen Stuebing, Adam Opel GmbH; Abdulhadi Shoufan, Sorin A. Huss, Technische Universität Darmstadt

56786

12 Evaluation of Multi-Channel Schemes for Vehicular Safety Communications

Kezhu Hong, John Kenney, Vinuth Rai, Toyota ITC; Ken Laberteaux, Toyota TEMA-TTC

35236

13 Impact of Using Multi-Packet Reception on Performance in Delay Tolerant Networks

Feng Gu, The University of New Mexico; Xu Li, State University of New York at Buffalo; Min-You Wu, Shanghai Jiaotong University; Wei Shu, The University of New Mexico

30777

14 Improving Safety for Driverless City Vehicles: Real-Time Communication and Decision Making

Andrei Furda, Ljubo Vlacic, Griffith University; Laurent Bouraoui, Michel Parent, INRIA

90046

15 iTETRIS: Adaptation of ITS Technologies for Large Scale Integrated Simulation

Vineet Kumar, Hitachi Europe SAS; Lan Lin, Hitachi Europe

58663

16 Mobile WiMAX: Impact of Mobility on the Performance of Limited Feedback Linear Precoding

Mai Tran, Andrew Nix, Angela Doufexi, University of Bristol

56349

17 On the Statistical Analysis of the Channel Capacity of Double Rayleigh Channels with Equal Gain Combining in V2V Communication Systems

Batool Talha, Matthias Pätzold, University of Agder

72930

18 Reliable Broadcasting for Active Safety Applications in Vehicular Highway Networks

Martin Koubek, Susan Rea, Dirk Pesch, Cork Institute of Technology

63036

19 Safe Distance Based Location Privacy in Vehicular Networks

Yu-Chih Wei, Yi-Ming Chen, National Central University

63702

20 Spatial diversity for IEEE 802.11p Post-crash Message Dissemination in a Highway Environment

Nor Fadzilah Abdullah, Angela Doufexi, Robert J. Piechocki, University of Bristol

97890

21 Trace-based Evaluation of Rate Adaptation Schemes in Vehicular Environments

Kevin Lee, Juan M. Navarro, Tin Y. Chong, Uichin Lee, Mario Gerla, UCLA

48430

3 ITRI WAVE/DSRC Communication Unit DEMO

Hsia-hsin Li, Industrial Technology Research Institute; Kang-Chiao Lin, ITRI

19646

4 NCTUns 6.0: A Simulator for Advanced Wireless Vehicular Network Research

Shie-Yuan Wang, National Chiao Tung University; Chih-Che Lin, Department of Computer Science - National Chiao Tung University