

V2VCOM 2007 Program

June 12, 2007, Istanbul

In conjunction with IEEE Intelligent Vehicles Symposium 2007

9:00am-9:05am

Opening and Welcome

Onur Altintas and Wai Chen, *Workshop Chairs*

9:05am-9:30am

Keynote Speech

Open Network for Vehicle Communication

Prof. Tadao Saito, *CTO and Chief Scientist, Toyota InfoTechnology Center*

9:30am-12:15

Morning Session

Intersection Safety with V2I Communication in the EC Project INTERSAFE

Bernd Roessler and Kay Ch. Fuerstenberg, *IBEO Automobile Sensor GmbH, Germany*

Field Experiments on the Workload of the Inter-Vehicle Communication Network

Shin Kato, *National Institute of Advanced Industrial Science and Technology, Japan*

Sadayuki Tsugawa, *Meijo University, Japan*

Satoshi Abe, Satoru Hoshina, Masaharu Hamaguchi, and Kiyohito Tokuda

Oki Electric Industry Co., Ltd, Japan

10:15am-10:40am

Break

Invited Talk

The OSU V2V Testbed and Simulator: Past, Present and Future

Prof. Umit Ozguner, *Ohio State University, USA*

Feasibility Study of Using Mobile Gateways in Public Transportation Vehicles for ITS

Applications

Kun-chan Lan, *National Cheng Kung University, Taiwan*

Salil Kanhere, Gunadi Setiwan, Samuel Iskandar and Ze Ming Wu, *University of New South Wales,*

Australia

FreeSim – A V2V and V2R Freeway Traffic Simulator

Jeffrey Miller and Ellis Horowitz, *University of Southern California, USA*

Transmission Performance Evaluation of a Roadside-to-Vehicle Communication System with Antenna Beam Switching

Osamu Maeshima, Shengwei Cai, Teruhiko Honda, *Toyota InfoTechnology Center Co., Ltd, Japan*

Hirofumi Urayama, *Toyota Industries Corporation, Japan*

Akinori Taira, *Mitsubishi Electric Corporation, Japan*

12:15pm-1:15pm

Lunch

1:15pm-5:30pm

Afternoon Session

Invited Talk

CALM: Current Status of the ISO Standard for Long and Medium Range ITS communications

Prof. Keisuke Uehara, *Keio University, Japan*

Online Games on Wheels: Fast Game Event Delivery in Vehicular Ad-hoc Networks

Claudio E. Palazzi, Marco Roccetti, Stefano Ferretti, *Universita di Bologna, Italy;*

Giovanni Pau, and Mario Gerla, *UCLA, USA*

Embedded Multicasting with Vehicle Local Peer Group for Efficient Vehicle Communications

Wai Chen and John Lee, *Telcordia Technologies, USA*

Ryokichi Onishi, *Toyota InfoTechnology Center USA*

Toshiro Hikita, *Toyota InfoTechnology Center Co., Ltd, Japan*

Information Propagation Probability on Intersections in VANETS

Andreas Xeros, Maria Andreou, Andreas Pitsillides and Marios Lestas, *Cyprus University, Cyprus*

Security Framework for Vehicular Applications

Matthias Gerlach, Horst Rechner,

Fraunhofer Institute for Open Communication Systems (FOKUS), Germany

Tim Leinmuller, *DaimlerChrysler AG, Group Research and Advanced Engineering*

3:10pm-3:40pm

Break

Invited Talk

VII Activities in the U.S.

Richard Bishop, *Bishop Consulting, USA*

A Feasibility Study on Disseminating Spatio-temporal Information via Vehicular Ad-hoc Networks

Bo Xu and Ouri Wolfson, *University of Illinois at Chicago, USA*

Channah Naiman, *Pirouette Software, USA*

Naphtali D. Rishe, *Florida International University, USA*

R. Michael Tanner, *University of Illinois at Chicago, USA*

Work-in-Progress Session

Clustering Approach to Vehicle-to-Vehicle Communication Applications

Omer Kayis and Tankut Acarman, *Galatasaray University, Turkey*

A Construction Method of Road-Static Network with Vehicular Ad-hoc Networks

Tsuneomi Haruna, Yojiro Okada, Hiroshi Shigeno, *Keio University, Japan*

Creation and Management Method of a Secure Connection on MANET Using Multi-hop Routing Protocols

Masato Oguchi and Mio Kamada, *Ochanomizu University, Japan*

CDMA/OFDM based Radio Access for Vehicle Multi-Hop Network

Hyun Seo Oh, Hyun Kyun Choi, Sang In Kim & Keon Kook Lee, *ETRI, South Korea*