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Program

its_tw1: International ITS Cooperation Workshop 1

Invite1: Invited Papers 1

A Sample-Mode Packet Delay Variation Filter for IEEE 1588 Synchronization

Margaret Anyaegbu (Heriot Watt University, United Kingdom); Chengxiang Wang (Heriot-Watt University, United Kingdom); William Berrie (TES Electronic Solutions, United Kingdom)
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A Non-Stationary Geometry-Based Stochastic Model for MIMO High-Speed Train Channels

Ammar Ghazal (Heriot-Watt University, United Kingdom); Chengxiang Wang (Heriot-Watt University, United Kingdom); Harald Haas (The University of Edinburgh, United Kingdom); Mark Beach (University of Bristol, United Kingdom); Raed Mesleh (University of Tabuk, Saudi Arabia); Dongfeng Yuan (Shandong University, P.R. China); Ge Xiaohu (Huazhong University of Science & Technology, P.R. China); Khaled Chahine (Laboratoire Central des Ponts et Chaussées, France)
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Novel Blind Identification of LDPC Codes Using Average LLR of Syndrome a Posteriori Probability

Tian Xia (Louisiana State University, USA); Hsiao-Chun Wu (Louisiana State University, USA)
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Holistic approach to future green mobile communications

Hanna Bogucka (Poznan University of Technology, Poland)
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Speed Estimation based on Multiple Kernel Learning

Chao Wei (Key Laboratory of System Control and Information Processing, P.R. China); Jianli Xiao (Department of Automation, Shanghai Jiao Tong University & Key Laboratory of System Control and Information Processing, Ministry of Education of National, P.R. China); Yuncai Liu (Shanghai Jiaotong University, P.R. China)
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Road User Positioning by RSSI Combinations with Pavement Reflection at Real Intersection

Shoma Hisaka (The University of Tokyo, Japan); Shunsuke Kamijo (The University of Tokyo, Japan)
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Space-time Multivariate Negative Binomial Regression for Urban Short-Term Traffic Volume Prediction

Yousef-Awwad Daraghmi (National Chiao Tung University, Taiwan); Chih-Wei Yi (National Chiao Tung University, Taiwan); Tsun-Chieh Chiang (ITRI, Taiwan)
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Modulation Classification Based on Nonlinear Functions and Distances

Wei-Chen Pao (Industrial Technology Research Institute, Taiwan); Yung-Fang Chen (National Central University, Taiwan)
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Congestion Control Routing Protocol Using Priority Control for Ad-hoc Networks in an Emergency

Yuichiro Koga (Yokohama National University, Japan)
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T3-1: Telecommunication and Positioning 1

Enhanced Wireless Broadcasting Systems Employing Network Coding

Rong-Terng Juang (Automotive Research & Testing Center, Taiwan)
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Optimal Bandwidth Adaptation for Layered Video Multicasting in IEEE 802.11 WLANs

Yen-Ting Chen (National Chung-Cheng University, Taiwan); Hung-Yi Teng (National Chung-Cheng University, Taiwan); Ren-Hung Hwang (National Chung-Cheng University, Taiwan); Jeng Farn Lee (National Chung Cheng University, Taiwan)
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Visual Saliency-Aware Radio Resource Allocation for Image Transmission in SC-FDMA Systems

Li-Sheng Chen (National Taiwan University, Taiwan); Wei-Ho Chung (Academia Sinica, Taiwan); Ting-Li Liu (National Taiwan University, Taiwan); Deyun Gao (Beijing Jiaotong University, P.R. China); Sy-Yen Kuo (National Taiwan University, Taiwan)
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Design and Implementation of WAVE/DSRC Payment Systems

Huei-Ru Tseng (Industrial Technology Research Institute, Taiwan); Shu-Kang Tseng (ITRI\ICL, Taiwan); Tzu-Hsiang Su (Industrial Technology Research Institute, Taiwan); Po-Chun Kang (Industrial Technology Research Institute, Taiwan)
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T2-1: Intelligent Transport Systems (ITS) 1

CANE: A Controlled Application Environment for Privacy Protection in ITS

Stefan Dietzel (Ulm University & University of Twente, The Netherlands); Martin Kost (Humboldt University, Germany); Florian Schaub (Ulm University, Germany); Frank Kargl (Ulm University & University of Twente, Germany)
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Verification of Smart Guiding System to Search for Parking Space via DSRC Communication

Chan Wei Hsu (Automotive Research & Testing Center, Taiwan); Min Huai Shih (Automotive Research & Test Center, Taiwan); Hou Yu Huang (Automotive Research & Testing Center, Taiwan); Yu Chi Shiu (Automotive Research & Testing Center, Taiwan); Shih Chieh Huang (Automotive Research & Testing Center, Taiwan)
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Study for the Effect of Hasty State while Driving on Potential Risks

Masahiro Miyaji (Aichi Prefectural University & InfoTOYOTA, LTD, Japan)
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its_tw2: International ITS Cooperation Workshop 2

Invite2: Invited Papers 2

A Novel Effective Channel Estimation Scheme Applicable to IEEE 802.11p

Zijun Zhao (Peking University, P.R. China); Miaowen Wen (Peking University, P.R. China); Xiang Cheng (Peking University, P.R. China); Chengxiang Wang (Heriot-Watt University, United Kingdom); Bingli Jiao (Peking University, P.R. China)
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Distributed Multi-Priority Congestion Control Approach for IEEE 802.11p Vehicular Networks

Xia Shen (Peking University, P.R. China); Rongqing Zhang (Peking University, P.R. China); Xiang Cheng (Peking University, P.R. China); Yang Yang (Chinese Academy of Science, P.R. China); Bingli Jiao (Peking University, P.R. China)
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Theoretical Analysis and Measurements: Doppler Spectra of Vehicular Communication Channels

Jianhua Zhang (Beijing University of Posts and Telecommunications, P.R. China); Xuefeng Yin (Tongji University, P.R. China); Xiang Cheng (Peking University, P.R. China)
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Deployment of a Real Vehicular Delay-Tolerant Network Testbed

Maicke Paula (Institute of Telecommunications, University of Beira Interior, Fiat Automobile, Brazil); Joel J. P. C. Rodrigues (Instituto de Telecomunicações, University of Beira Interior, Portugal); João Dias (Instituto de Telecomunicações, University of Beira Interior, Portugal); João Isento (Instituto de Telecomunicações, University of Beira Interior, Portugal); Alexey Vinel (Tampere University of Technology, Finland)
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Interference Canseller Method using Hierarchical OMF against Concatenated Sequence

Motoaki Hachisuka (Yokohama National University, Japan)
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Customized Navigation Systems with the Mobile Devices of Public Transport

Angel MingChwen Lee (National Central University, Taiwan); Jason C. Hung (Overseas Chinese University, Taiwan); Timothy Shih (National Central University, Taiwan)
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Comparative Evaluation of information Dissemination Method for Dynamic Vehicular Route Planning

Koichiro Hara (Keio University, Japan); Masaki Suzuki (Keio University, Japan); Taisei Tokuda (Keio University, Japan); Hiroshi Shigeno (Keio University, Japan)
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Estimation of Time-Dependent Intersection Turning Proportions for Urban Signal Controls

Shou-Ren Hu (National Cheng Kung University, Taiwan); Han-Tsung Liou (National Cheng Kung University, Taiwan)
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A Love of Travel – Demonstration Project of Sun-Moon Lake Importing ITS/Telematics

Wei Yeh Chen (Consultants inc., Taiwan)
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Ground Traffic Surveillance System for Air Traffic Control

Domenico D Bloisi (Sapienza University of Rome, Italy); Luca Iocchi (University of Rome, Sapienza, Italy); Daniele Nardi (Università di Roma, Italy); Michele Fiorini (Selex-Sistemi Integrati & IET Italy, Italy); Giovanni Graziano (Selex - Sistemi Integrati, Italy)
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MMC: Special Session: Multimedia Mobile Communication

Truthful Auction Mechanism Design for Short-interval Secondary Spectrum Access Market

Shun-Cheng Zhan (National Taiwan University & National Taiwan University, Taiwan); Shi-Chung Chang (National Taiwan University, Taiwan); Peter Luh (University of Connecticut, USA); Hao-Huai Lieu (National Taiwan University Taiwan, Taiwan)
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Temporal Transcoding From H.264/AVC to SVC with Hierarchical Bidirectional Prediction

Yen-Chieh Huang (Sunplus Innovation Technology Inc., Taiwan); Chi-Wen Lo (National Tsing Hua University, Taiwan); Chia-Wen Lin (National Tsing Hua University, Taiwan); Yung-Chang Chen (National Tsing Hua University, Taiwan)
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Symbol-Based Joint Decoding of Convolutionally Encoded Variable-Length Codes

Hung-Tsai Wu (National Chiao-Tung University, Taiwan); Chih-Hsien Lin (Institute of Communications Engineering, National Chiao Tung University, Taiwan); Wen-Whei Chang (National Chiao Tung University, Taiwan)

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Compare Virtual Reality and Augmented Reality Systems for Claustrophobia from HRV

Shih-Ching Yeh (Central University, Taiwan); Chia-Fen Tsai (Veterans General Hospital, Taiwan);
Tzu-Chuan Huang (National Central University, Taiwan)

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Study of Channel Selection Strategies in Cognitive Radio Networks

Po-Yin Liao (Department of Communication Engineering, National Central University, Taiwan);
Bing-Mao Wu (Department of Communication Engineering, National Central University, Taiwan);
Yen-Wen Chen (National Central University, Taiwan)

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T1-1: Smart Vehicle 1

Implementation of Car-Following System using LiDAR Detection

Chan Wei Hsu (Automotive Research & Testing Center, Taiwan); Tsung Hua Hsu (Automotive
Research and Testing Center, Taiwan); Kuang Jen Chang (Automotive Research & Testing Center,
Taiwan)

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VLSI Implementation of a Real-Time Vision Based Lane Departure Warning System

Chang-Kun Yao (Automotive Research and Testing Center, Taiwan); Yu-Ren Lin (Automotive
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Taiwan); Yi-Feng Su (Automotive Research and Testing Center, Taiwan)

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A Novel Design for Full Automatic Parking System

Chun Hsiung Chen (Automotive Research & Testing Center, Taiwan); Chan Wei Hsu (Automotive
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Road Environment Recognition Method in Complex Traffic Situations Based on Stereo Vision

Yu Sung Chen (Automotive Research & Testing Center, Taiwan)

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Hybrid Gamut Mapping and Dithering Algorithm for Image Reproduction

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The Failure Modes Study for the Electric Vacuum Brake Booster System

Jiun-Jie Chen (Automotive Research and Testing Center, Taiwan); Bo-Ruei Chen (Automotive
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A Distributed Taxi Advisory System

Fai Cheong Choo (National University of Singapore, Singapore); Mun Choon Chan (National
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Singapore); Li-Shiuan Peh (MIT, USA)

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Design of a Rotary Ring APP for Loving Sun-Moon Lake Information Capturer

Shing Tenqchen (National Taiwan University & ChungHwa Telecom Labs., Taiwan)
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Bo Xie (National University of Defense Technology, P.R. China); Yingwen Chen (National University of Defense Technology, P.R. China); Ming Xu (National University of Defense Technology, P.R. China)
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A Study of DSRC Jammer in Vehicle Safety Application Testbed

Chih Liang (Automotive Research & Testing Center, Taiwan); Bo-Chiuan Chen (Automotive Research and Testing Center, Taiwan)
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Design and Prototype of an In-Vehicle Road Sign Delivery System using RFID

Aritra Paul (R.V College of Engineering, India); Nischit Bharadwaj (R.V College of Engineering, India); Arjun Bhat (RV College of Engineering, India); Sameera Shroff (RV College of Engineering, India); Venkatesh Seenanna (RV College of Engineering, India); Sitharam Tg (Indian Institute of Science, India)
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T4-1: Green Life Toward Blue Planet 1

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Po-Yao Tsao (National Central University, Taiwan); Pei-Yun Tsai (National Central University, Taiwan)
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Tessa Tielert (Karlsruhe Institute of Technology (KIT), Germany); David Rieger (Karlsruhe Institute of Technology (KIT), Germany); Hannes Hartenstein (Karlsruhe Institute of Technology, Germany); Raphael Luz (Graz University of Technology, Austria); Stefan Hausberger (Graz University of Technology, Austria)
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Enhanced Constant Power Allocation Methods in OFDM Systems

Wei-Chen Pao (Industrial Technology Research Institute, Taiwan); Yung-Fang Chen (National Central University, Taiwan)
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John F. An (National Taiwan Ocean University, Taiwan)
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Yao-Liang Chung (National Taipei University, Taiwan); Zsehong Tsai (National Taiwan University, Taiwan)
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Yen-Chieh Ouyang (National Chung Hsing University, Taiwan); Ching-Tsung Hsueh (National Chung Hsing University, Taiwan); Chih-Yu Wen (National Chung Hsing University, Taiwan)
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Wen-Jeng Lin (National Chi Nan University, Taiwan); Jung-Shan Lin (National Chi Nan University, Taiwan)
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On the Security of a Unique Batch Authentication Protocol for Vehicle-to-Grid Communications

Huei-Ru Tseng (Industrial Technology Research Institute, Taiwan)
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A Surface-based Vacant Space Detection for an Intelligent Parking Lot

Chingchun Huang (National Kaohsiung University of Applied Sciences, Taiwan); Yu-Shu Dai (National Chiao Tung University, Taiwan); Sheng-Jyh Wang (National Chiao Tung University, Taiwan)
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Enhancing Robustness of Wireless Mesh Networks using Virtual Routers

Yao H. Ho (National Taiwan Normal University, Taiwan)
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Wireless Channel Optimization in VANET by using Adaptive Modulation

Chembe Christopher (University of Malaya, Malaysia); Rafidah Md Noor (University of Malaya, Malaysia)
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Arrate Alonso (TU Wien, Austria); Christoph F Mecklenbräuker (Vienna University of Technology, Austria)
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Real-time Urban Traffic Sensing with GPS Equipped Probe Vehicles

Peng-Jui Tseng (Chunghwa Telecom Co., Taiwan); Chia-Chen Hung (Telecommunication Labs of Chunghwa Telecom, Taiwan); Tsung-Hsun Chang (Chunghwa Telecom Co., Taiwan); Yu-Hsiang Chuang (Chunghwa Telecom Co., Taiwan)
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Shih-Ming Huang (National Cheng Kung University, Taiwan); Chingchun Huang (National Kaohsiung University of Applied Sciences, Taiwan); Cheng-Chuan Chou (Industrial Technology Research Institute, Taiwan)
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T4-2: Green Life Toward Blue Planet 2

An Analysis of Energy Saving and Carbon Reduction Strategies in the Transportation Sector in Taiwan

Tung-Hung Chueh (Industrial Technology Research Institute, Taiwan); Kuei-Lan Chou (Industrial Technology Research Institute, Taiwan); Nick Liu (Industrial Technology Research Institute, Taiwan); Huei-Ru Tseng (Industrial Technology Research Institute, Taiwan)
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On the Performance of Eigenvalue-based Signal Detection

Zhengzheng Sun (China Jiliang University, P.R. China)
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A Low Complexity Baseband Transceiver for In-Vehicle Power Line Communications

Chin-Lin Lo (National Tsing Hua University, Taiwan); Yu-Lun Lin (National Tsing Hua University, Taiwan); Hsi-Pin Ma (National Tsing Hua University, Taiwan)
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An Optical CDMA Method for In-vehicle Information Service

Chih-Ta Yen (National Formosa University, Taiwan)
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Real-Time DSP Implementation of Pedestrian Detection Algorithm Using HOG Features

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Yu-Chih Wei (National Central University, Taiwan); Yi-Ming Chen (National Central University, Taiwan)
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CSITS-1: First International Symposium on Communications Software for ITS (CSITS 2012)

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Gin-Der Wu (National Chi Nan University, Taiwan); Zhen-Wei Zhu (National Chi Nan University, Taiwan)
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An Embedding Strategy for Large Payload Using Convolutional Embedding Codes

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Evaluation Approaches of Fuel Saving and Carbon Reduction Benefits for Arterial Signal Retiming

Weihsin Lin (THI Consultants Inc., Taiwan)
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Comparison of travel times estimation using intelligent infrastructure and floating car data

Michal Markiewicz (Jagiellonian University, Poland)
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Vessel route analysis by in situ measurements A pre-requisite for Maritime Spatial Planning

Michele Fiorini (Selex-Sistemi Integrati & IET Italy, Italy); Shwu-Jing Chang (National Taiwan Ocean University, Taiwan)
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Neural Network Assisted Ultra-Tightly Coupled GPS/INS Integration for Seamless Navigation

Dah-Jing Jwo (National Taiwan Ocean University, Taiwan); Chih-Hsun Chuang (National Taiwan Ocean University, Taiwan); Jing-Yu Yang (National Taiwan Ocean University, Taiwan)
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Examining Human Factors for Marine Casualties using HFACS - Maritime Accidents (HFACS-MA)

Shih-Tzung Chen (National Taiwan Ocean University, Taiwan); Yu-Hsin Chou (National Taiwan Ocean University, Taiwan)
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Design and experiment of a small boat auto-berthing control system

Sin-Der Lee (National Taiwan Ocean University, Taiwan)
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Maritime awareness through data sharing in VTS systems

Michele Fiorini (Selex-Sistemi Integrati & IET Italy, Italy)
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A Passenger-based Adaptive Traffic Signal Control Mechanism in Intelligent Transportation Systems

Li-Der Chou (National Central University, Taiwan); Bo-Teng Deng (National Central University, Taiwan); David Chunhu Li (National Central University, Taiwan); Kai-Wei Kuo (National Central University, Taiwan)
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A High-Scalable Core Telematics Platform Design for Intelligent Transport Systems

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Feasibility of Traveling Time Estimation with Mutual Comparison of CVP, GVP and VD Technologies

Shing Tengchen (National Taiwan University & ChungHwa Telecom Labs., Taiwan); Francis Chang (Senior Researcher, Taiwan)
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Vehicle Recognition Method Using Reflectors for Automotive Infrared Laser Radar

Keita Watari (Graduate School of Kansai University, Japan); Takahiro Shoda (Kansai University, Japan); Kentaro Tsudaka (Kansai University, Japan); Tomotaka Wada (Kansai University, Japan); Kouichi Mitsuura (Shinshu University, Japan); Hiromi Okada (Kansai University, Japan)
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Deriving the Vehicle Speeds from Mobile Telecommunications Network

Ren-Huang Liou (National Chiao Tung University, Taiwan); Yi-Bing Lin (National Chiao Tung University, Taiwan); Yu-Long Chang (National Chiao Tung University, Taiwan); Ming-Feng Chang (NCTU, Taiwan)
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Cloud Computing Based Taxi Dispatching Service

Wei-Lung Chen (National Taiwan University, Taiwan); Jason Chang (National Taiwan University, Taiwan); Ya Wen Chen (National Taiwan University & Advanced Public Transportation Research Center, Taiwan); Wei-Yao Chou (Industrial Technology Research Institute, Taiwan)
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HIS-1: Special Session: Hybrid Intelligent Systems

Research on Building Computation of Ontology-Based Knowledge Base

Huei-Zhen Gu (Lunghwa University of Science and Technology, Taiwan)
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Travel patterns analysis of urban residents using Automated Fare Collection System

Man Li (Beihang University, P.R. China); Du Bowen (Beihang University, P.R. China); Jian Huang (Beihang University, P.R. China)
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Fuzzy Logic Based Driving Behavior Monitoring using Hidden Markov Models

Bing-Fei Wu (National Chiao Tung University, Taiwan); Ying-Han Chen (National Chiao Tung University, Taiwan); Chung-Hsuan Yeh (National Chiao Tung University, Taiwan)
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An efficient approach to extract moving objects by the H.264 compressed-domain features

Fuping Wang (Graduate Institute of Electronics Engineering, National Taiwan University & eBell Company, Taiwan); Wei-Ho Chung (Academia Sinica, Taiwan); Sy-Yen Kuo (National Taiwan University, Taiwan)
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MN-2: Special Session: Maritime Navigation 2

Web-Based User Interface for Vessel Traffic Analysis

Chang Shih-Ming (National Taiwan Ocean University, Taiwan); Shwu-Jing Chang (National Taiwan Ocean University, Taiwan)
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Onboard Integration of Maritime Safety Information for Navigation Display and Route Safety

Chun-Hao Huang (National Taiwan Ocean University, Taiwan); Shwu-Jing Chang (National Taiwan Ocean University, Taiwan)
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Application of MBSE as a Support to the Definition of the Port Informer Service in the Italian Ports

Lucio Tirone (Aster, Italy); Stefano Sorge (Aster, Italy); Giada Trallesi (Aster, Italy)
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Cluster-based spatial planning and evaluation of maritime mesh network using vessel traffic data

Shwu-Jing Chang (National Taiwan Ocean University, Taiwan)
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Travel Time Prediction by Weighted Fusion of Probing Vehicles and Vehicle Detectors Data Sources

Kevin P Hwang (National Cheng Kung University, Taiwan); Wei-Hsun Lee (National Cheng Kung University, Taiwan); Wen-Bin Wu (National Cheng Kung University, Taiwan)
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The Identification Of Traffic Flow Based On Edge Symmetry

Chi Jingjing (Beihang University, P.R. China)
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Decision-Tree based Green Driving Suggestion System for Carbon Emission Reduction

Wei-Hsun Lee (National Cheng Kung University, Taiwan); Yan-Cheng Lai (National Cheng Kung University, Taiwan); Pei-Yin Chen (National Cheng Kung University, Taiwan)
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Analysis of Average Packet Acquisition Time on Wireless Butterfly-typed Network Coding Scheme

Hiroyuki Higano (University of Ibaraki, Japan)
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Field Trial of Cellular Warning for Automobiles using Geomessaging in Japan

Masanobu Fujioka (Ericsson Japan, Japan); Masanori Takahashi (Ericsson Japan, Japan); Takeshi Matsumura (Ericsson Japan, Japan); Chunmeng Wang (Ericsson Communication Co. Ltd., P.R. China); Hiroyuki Hirakoba (Mizuho Information & Research Institute Inc., Japan)
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Hsu-Yung Cheng (National Central University, Taiwan)
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T3-2: Telecommunication and Positioning 2

Cooperative Relative Positioning for Intelligent Transportation System

Suhua Tang (ATR Adaptive Communications Research Laboratories, Japan); Nobuaki Kubo (Tokyo University of Marine Science and Technology, Japan); Masayoshi Ohashi (ATR, Japan)
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Performance Evaluation of a Wireless LAN Positioning System Using Spot Information

Tomotaka Nagaosa (Kanto Gakuin University, Japan); Hironori Iguchi (Kanto Gakuin University, Japan)
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Destination-Aware Non-GPS Positioning using Predictive Contexts

Chih-Pei Yang (Department of Computer Science, National Tsing Hua University, Taiwan); Yi Fan Chung (National Tsing Hua University, Taiwan); Chung-Ta King (National Tsing-Hua University, Taiwan)
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VIP: Video-assisted Inter-vehicle Positioning System

Andy An-Kai Jeng (Industrial Technology Research Institute, Taiwan); Chien Chen (National Chiao Tung University, Taiwan); Rong-Hong Jan (National Chiao Tung University, Taiwan); Wai-Yee Fong (National Chiao Tung University, Taiwan); Huei-Ru Tseng (Industrial Technology Research Institute, Taiwan)
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Shih-Hau Fang (Yuan Ze University, Taiwan); Wei-Chia Lai (Yuan-Ze University, Taiwan); Chih-Ming Lee (Yuan-Ze University, Taiwan)
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Recursive estimation of vehicle position by using navigation sensor fusion

Shun-Hung Chen (Automotive Research & Testing Center, Taiwan); Chan Wei Hsu (Automotive Research & Testing Center, Taiwan); Shih Chieh Huang (Automotive Research & Testing Center, Taiwan)
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T1-4: Smart Vehicle 4

Video-Based On-Road Driving Safety System with Lane Detection and Vehicle Detection

Wally Chen (National Taiwan University, Taiwan); Leon Jian (PAPAGO, Inc, Taiwan); Sy-Yen Kuo (National Taiwan University, Taiwan)
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Driving Skill Analysis using Machine Learning The full curve and curve segmented cases

Naiwala Chandrasiri (Toyota InfoTechnology Center, Japan); Kazunari Nawa (Toyota InfoTechnology Center, Japan); Akira Ishii (AISoftware Inc., Japan); Shuguang Li (The University of Tokyo, Taiwan); Shigeyuki Yamabe (The University of Tokyo, Japan); Takayuki Hirasawa (The University of Tokyo, Japan); Yoichi Sato (Tokyo University, Japan); Yoshihiro Suda (The University of Tokyo, Japan); Takeshi Matsumura (Toyota Motor Corporation, Japan); Koji Taguchi (Toyota Motor Corporation, Japan)
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High Precision Testbed to Evaluate Ethernet Performance for In-Car Networks

Kasper Revsbech (Aalborg University Denmark, Denmark); Tatiana Madsen (Aalborg University, Denmark); Henrik Schiøler (Aalborg University, Denmark)
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A Quantum PSO Algorithm for Feedback Control of Semi-Autonomous Driver Assistance Systems

Che-Cheng Chang (Department of Electrical Engineering, National Chung-Hsing University, Taiwan); Jichiang Tsai (Department of Electrical Engineering, National Chung-Hsing University, Taiwan); Shi-Jia Pei (Department of Electrical Engineering, National Chung-Hsing University, Taiwan)
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