## Table of Contents

**Volume 7 Number 1  January 2017**

### Testing New Solutions for Eco-Driving: Haptic Gas Pedals in Electric Vehicles
J. R. Perelló, A. Gomila, E. M. García-Quinteiro, M. Miranda ................................................................. 1

### Modulating Traffic Signal Phases to Realize Real-Time Traffic Control System
R. S. Parmar, B. H. Trivedi .......................................................................................................................... 26

### A Web Based Decision Support System for Intermodal Port and Dry Port Facilities
C. D. Stylios, G. Georgoulas, P. Karvelis, B. Opacic, F. Simeoni, S. Maksimovic, W. Gerreto ..................... 36

### Touch-and-Go Mobile Payment System
P. Rulić, B. Kotnik, S. Klampfer, A. Chowdhury ......................................................................................... 50

### Evaluation of the Safety of Mine Road Based on Fuzzy Analytic Hierarchy Process
C. H. Qin, Y. X. Zhang .............................................................................................................................. 70

### Study on Geometric Factors Influencing Saturation Flow Rate at Signalized Intersections under Heterogeneous Traffic Conditions
B. G. Savitha, R. S. Murthy, H. S. Jagadeesh, H. S. Sathish, T. Sundararajan .................................................. 83
Journal of Transportation Technologies (JTTs)

Journal Information

SUBSCRIPTIONS


Subscription rates:
Print: $79 per issue.
To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements
Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)
E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:
Copyright © 2017 by Scientific Research Publishing Inc.
This work is licensed under the Creative Commons Attribution International License (CC BY).
http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:
Copyright © 2017 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:
Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:
E-mail: itts@scirp.org
Journal of Transportation Technologies (JTTs) is an international refereed journal dedicated to the latest advancement of transportation technologies. The goal of this journal is to provide a forum for scientists and academicians worldwide to promote, share, and discuss various new issues and perspectives in diverse areas of transportation technologies, and to keep a record of the state-of-the-art research in the areas.

Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following topics:

- Advanced Driver Assistance Systems
- Advanced Emergency Management Systems (AEMS)
- Advanced Materials for Transportation Vehicles
- Advanced Traffic Management Systems (ATMS)
- Automated Baggage Handling and Screening Systems
- Automated People Movers
- Automatic Vehicle Location and Tracking
- Automotive Software Architecture
- Bus Transit Systems
- Collision Avoidance Systems
- Command Control Centres
- Communication, Navigation, Surveillance Systems
- Computer-Aided Dispatch
- Devices to Enhance Pedestrian and Bicyclist Safety
- Dynamic Traffic Signal Control
- Electronic Fare Collection
- Flight Information Display Systems
- Health and Wellness in Transportation Industry
- Incident Reporting Packages
- Intelligent Security Systems
- Intelligent Transportation Systems and Traffic Control
- Intelligent Vehicles
- ITS Architecture
- ITS as Decision Support System
- Location-Based Services
- Marine Communication and Navigation Engineering
- Maritime Transport Management
- Metro-Rail Transportation
- Mobile Terminal Displays
- Navigation Technology
- On-Board Diagnosis
- Operational Control Centres
- Pedestrian and Vehicle Detection Technologies
- Planning and Scheduling Software Packages
- Powertrain Management
- Railway Tunnels and Tunneling
- Railways Management
- Smart Card Reader
- Socio-Economical Effect of Environmental Friendly Mobility
- Sustainable Transport Safety Management
- Testing Methodology
- Traffic Control Devices
- Traffic Psychology
- Traffic Signal Priority System
- Transport Management
- Transport Safety
- Travelers' In-Vehicle and Out-of-Vehicle Information Systems
- V2I/V2V Communication
- Variable Message Signing
- Vehicle Navigation System
- Vehicle-to-Roadside Communication (VRC)
- Weigh-in-Motion (WIM)

The page limit for final papers is at least six double-column pages in 10 point Times New Roman font. However, we are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail
http://www.scirp.org/journal/jtts  E-mail: jtt@scirp.org
What is SCIRP?
Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?
All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience

Website: http://www.scirp.org
Subscription: sub@scirp.org
Advertisement: service@scirp.org