



## **Special Issue Call for Papers**

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### **Special Issue on**

### **“Advanced Vehicular Communication Technology and Applications”**

#### **1. Topic of Special Issue**

Recent advanced vehicular communications technology for future computing environments

#### **2. Introduction**

Many experts anticipate that future computing environments will be a new computing paradigm called Ubiquitous Environments (UEs). UEs offers computing and communication services at anytime and anywhere, which are normally implemented by advanced services computing technology including vehicular communications technology.

Variety of sensors, radars, cameras, navigation systems, and microprocessors are already being used in vehicles to enable smart and intelligent driving technologies such as lane departure warning, parking assistance, advanced driver assistance, adaptive cruise control, local dynamic map assistance, and so on. These technologies are all give drivers and passengers more safety, comfort and convenience. With the advance of wireless communication technology in recent years, many researchers, vehicle manufacturers, and governors are trying to extend the advanced automobile technologies to the information technology for realizing safer driving environment than it is now.

This special issue aims to foster the dissemination of high quality research in any new theory, technique, and research related to recent advanced vehicular communications technology for UEs, as well as to enhance its state-of-the-art. Topics of primary interest include, but are limited to:

- IT-based Convergence Technology and Service on Intelligent Transportation Systems
- Inter-Vehicle & Infra-Vehicle Communication Technologies
- Vehicle Wireless Medium Access Control & Networking Technology
- Wireless & Wireline Convergence Technology in Vehicle
- Advanced Sensor and Sensor Information Convergence Technology
- High-accuracy Positioning Technology for Vehicle
- Security Issues in Vehicle Communication Environment
- Local Dynamic Map Services
- Remote Vehicle Control Services
- Vehicular Diagnostics Technology
- Applications and Scenarios for Convergence Technology and Service on ITS
- Others: Commercial or Industrial Issue in ITS

### **3. Guest Co-Editors**

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### **4. Important Dates**

#### **Important Dates**

Manuscript Due: June 30, 2011

Acceptance Notification: Nov 31, 2011

Camera-Ready Final Manuscript Due: Dec 31, 2011

Publication Date: Mar. 2012 (Tentative)

### **5. Submission Guidelines**

Manuscripts should be prepared and submitted by email to the Corresponding Guest Editor – Dr. Yang Sun Lee. Please note in your cover letter the special issue for which your submission is intended.

Note: Manuscripts must not have been previously published or be submitted for publication elsewhere. Each submitted manuscript must include title, names, authors' affiliations, postal and e-mail addresses, an extended paper, and a list of keywords. For multiple author submission, please identify the corresponding author.