

## CALL FOR PAPERS

The 10th International Conference on  
**Web Information Systems Engineering (WISE 2009)**  
conference workshop on

# **WEB-based Applications and Technologies for Vehicular Networks and Telematics**

## **VNT'09**

Poznan, Poland, October 5-7, 2009

<http://wise2009.ue.poznan.pl/vnt/>

In the future, each automotive vehicle will be a unique node in the global communications network. The networks in turn will support interactions within the automobile, with the surrounding environment, over conventional communications systems and directly with nearby vehicles. With the rapid penetration of wireless technologies changing the way we communicate with each other and receive information, people will come to expect the same ubiquitous access capability inside their vehicles in ways that improve their driving safety and comfort. Enabling vehicles to communicate for safety and information, i.e., telematics applications, represents new opportunities (and challenges) for revenues from the services and equipment.

Providing automotive users with safety and information services in diverse, high-speed, mobile environments poses some of the most daunting technological challenges. It calls for advanced infrastructures that are flexible to support wide-ranging safety and information applications and technologies, and extensible for infusion of new mobile computing and networking technologies in the future. The functions that will be supported include safety, health and status of the automobile, fuel efficiency, user services, passenger entertainment, and more efficient use of the transportation infrastructure.

This workshop will address issues related to how such a vast service and network system can be scaled, supported, made

### KEY DATES

~~May 1, 2009~~ Paper Submission

**May 15, 2009** Paper Submission

Jun 15, 2009 Author Notification

Jun 28, 2009 Camera-ready Papers

Jun 28, 2009 Author registration

Oct 5-7, 2009 Conference & Workshops

### WORKSHOP ORGANISERS

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reliable and economical. Important issues are the maturity of the technology, the value of the services performed, the business models and rationale for creating such networks in the first place, and the complex regulatory regime and standards that must be established.

## TOPICS OF INTEREST

The topics of the workshop will include, but will not be limited to the following:

- HMI-related driver support systems
- V2V and V2R communications
- In-vehicle attention management systems
- Road traffic and safety information to vehicles
- Vision-based vehicle guidance
- Intelligent transport systems for car safety and fuel efficiency
- Secure and reliable inter-vehicle & infrastructure networking
- Multimedia-based ad-hoc networking & WLAN, WMAX aspects
- Flexible and extensible infrastructure for information delivery to vehicles in diverse environments
- Advanced software and computing technologies that support reliable and efficient vehicle communications
- Regulatory issues & business models
- Standardization issues

IHP/TU Brandenburg, Germany

## PUBLICATION

The proceedings of WISE 2009 workshops will be published by Springer in its Lecture Notes in Computer Science series. Paper length is 8 pages.

## ENQUIRIES

Workshop Contact

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