



ISVCS 2008
July 22-24, 2008, Dublin, Ireland

The First Annual International Symposium on Vehicular Computing Systems (ISVCS)

<http://www.isvcs.eu>

Sponsored by ICST
Technically-sponsored by Create-Net



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Important Dates

Paper Registration:

March 22, 2008 (extended)

Paper submission:

March 29, 2008 (extended)

Notification of acceptance:

May 4, 2008

Camera-ready version due:

May 18, 2008

The ISVCS is an annual event that seeks to bring together people from academia, industry and government interested in building and using vehicular computing systems, middleware, protocols, services and applications. The symposium is primarily interested in papers reporting on innovative research resulting in real implementations and working prototypes. Work in progress and new ideas will also be accepted as well as presentations of new products. The program will consist of technical sessions, product/industrial presentations, a keynote, a demonstration session, a poster session and one panel, scheduled over 2.5 days. During the event, an industrial exhibition will be also organized. Short tutorials, especially in non-technical related areas, such as transportation policies and social aspects will also be organized, in order to offer a multi-disciplinary perspective on the field. The event is co-located with MobiQuitous 2008 (<http://www.mobiquitous.org/>), allowing researchers and practitioners from these related fields to meet and exchange their ideas and experiences.

PAPERS: The symposium calls for three categories of contributions: research, position and product presentation papers. Topics of interest include, but are not limited to, the following:

- Design and implementation of computer systems for network-connected vehicles
- Middleware and service architectures for safety, road sensing, route planning, in-car networking and other vehicle-centric applications
- Protocols for data collection and dissemination over network-connected cars
- Security and privacy issues in vehicular networks, systems, services and applications
- Location-aware computing models for vehicular systems
- Driver-to-computer interfaces
- Data management systems for road sensing and traffic monitoring
- Vehicle-to-vehicle and vehicle-to-infrastructure communication protocols
- Inter-vehicle distributed systems for entertainment and gaming
- Pervasive computing applications using vehicular networks
- Tools and methodologies for vehicular computing systems verification and evaluation
- Fault-tolerance solutions for vehicular computing systems
- Maintenance for vehicular computing software
- Experience reports of testing vehicular computing systems on real-world conditions
- Policies, laws and regulations for adopting vehicular computing technologies
- Social and psychological implications of vehicular computing applications

SUBMISSION INSTRUCTIONS: Paper submission will be handled electronically (see the symposium web page for details). Authors should prepare an Adobe Acrobat PDF version of their full paper. Papers must not exceed 10 pages double column (US Letter size, 8.5 x 11 inches) including text, figures and references. The font size must be at least 10 points.

SPECIAL ISSUE: Best papers presented at ISVCS will be considered for publication in the Mobile Networks and Applications (MONET) Journal, Special Issue on Advances and Applications in Vehicular Ad Hoc Networks.