The First International Conference on Advances in Vehicular Systems, Technologies and Applications
VEHICULAR 2012

June 24-29, 2012 - Venice, Italy
http://www.iaria.org/conferences2012/VEHICULAR12.html

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Important deadlines:

Submission (full paper)	February 5, 2012
Notification	March 23, 2012
Registration	April 7, 2012
Camera ready	April 7, 2012

Tracks:

Fundamentals on communication and networking

Intelligent vehicular networking; Vehicular communications; Vehicular mobile ad hoc networks; Vehicle-to-infrastructure communications; Roadside-to-vehicle and vehicle-to-vehicle communication; Vehicle-to-vehicle communication; Cellular and satellite communications for vehicular systems; Cross-layer design and optimization for vehicular networks; Future vehicular systems; Vehicular applications

Protocols and mechanisms

Routing protocols for vehicle-to-vehicle communications; MAC layer technologies; Physical layer and RF level technologies; Algorithms, protocols and systems for data dissemination; Channel modeling; Modulation and coding; Multi-channel organization and operation; Antenna technologies; In-vehicle sensor networks

Evaluation

System evaluation methodologies; Performance characterization and analysis; Mobility analysis and vehicle traffic analysis; Safety and non-safety applications; Security issues and countermeasures; Privacy issues; Reliable and fast handover; Green vehicular communications and networking; Power control and scalability issues

Management and tracking

Networks and systems management; High-speed mobility management; Radio resource, QoS support, and interference management; Channel management; Incident detection; Vehicle tracking

Subliminal characteristics

Driver-centric interfaces; Modalities for subliminal interfaces (visual, auditory, tactile/haptic, olfactory); Perception of subliminal information; Characteristics of subliminally delivered information; Unobtrusive techniques for driver's state detection; Mitigation or regulation interfaces

Experiments and challenges

Simulation frameworks and real-world testbeds; Implementation of mobile IP and migration of IPv6; Testbed experiments and measurements; Business models and policies