

International Journal of

Vehicle Information & Communication Systems

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A Journal of the International
Association for Vehicle Design

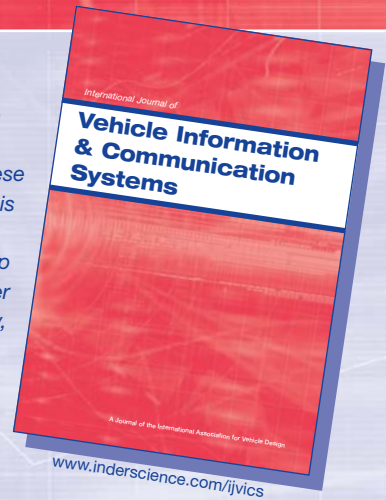
Scope of the Journal

ISSN: 1471-0242 (Print), ISSN: 1741-8208 (Online)

Information and communication systems of vehicles are the keys to make vehicles and transport systems smart. IJVICS focuses on novel/enhanced theories and applications of these two systems and their integration. It provides a forum for this important research area where the systems may assist the driver or even control the vehicle, big data analysis may help manufacturers build more convenient, comfortable and safer vehicles and the results may also be used to improve safety, efficiency and convenience of transport systems.

Topics covered include:

- Vehicular computers, sensors and meters
- Human-machine interfaces, real-time data processing
- Decision making, artificial intelligence
- Databases, cloud computing, big data, simulation
- Spectrum management, vehicular antennas, propagation, RF design
- Cooperative/V2V/V2I communications
- Quality of service, security
- Positioning, localisation, navigation, mobility management
- Transmission technologies, communication theory/protocols
- Wireless access technology, vehicular networking, telematics
- Vehicular status monitoring and reporting
- Collision avoidance systems, vehicle behaviour models
- Environmentally aware services
- Cooperative driving, intelligent/self-driving vehicles
- Intelligent transportation, internet of vehicles (IoV), future trends



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