International Journal of

VEHICLE SAFETY

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Scope of the Journal

The IJ VS aims to provide a refereed and authoritative source of information in the field of vehicle safety design, research, and development. It serves applied scientists, engineers, policy makers and safety advocates with a platform to develop, promote, and coordinate the science, technology and practice of vehicle safety. IJ VS also seeks to establish channels of communication between industry and academy, industry and government in the field of vehicle safety.

IJ VS is published quarterly. It covers the subjects of passive and active safety in road traffic as well as traffic related public health issues, from impact biomechanics to vehicle crushworthiness, and from crash avoidance to intelligent highway systems.

Subject coverage:

- Accident case studies and data analysis
- Accident reconstruction
- Elderly driver safety
- Impact biomechanics, injury mechanisms, injury criteria and injury tolerance
- Crash dummy development
- Human body modelling
- Occupant protection
- Vulnerable road users' protection
- Occupant restraint systems
- Child safety and restraint systems
- Mechatronics and technologies for smart-restraint systems
- Vehicle crushworthiness analysis
- Vehicle compatibility analysis
- Smart materials for crushworthiness and occupant protection
- Injury mitigation technology development
- Vehicle reliability and safety
- Accident avoidance
- Intelligent driving systems
- Driving control systems development
- Assisted driver information and communication systems
- Intelligent highway systems
- Telematics
- Application of wireless technology
- Mobile communication technology
- Real-time data acquisition
- Real-time distributed systems

- Satellite systems for vehicle sensing
- Multimedia networking for vehicle crash rescue
- Extrication
- General post-crash aspects

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