4th International Conference on Vehicle Technology and Intelligent Transport Systems - VEHITS 2018

The purpose of the 4th International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS) is to bring together engineers, researchers and practitioners interested in the advances and applications in the field of Vehicle Technology and Intelligent Transport Systems.

📅 16 Marzo 2018 - 18 Marzo 2018
📍 Portugal

4th International Conference on Vehicle Technology and Intelligent Transport Systems
VEHITS

Website: http://www.vehits.org/

March 16 - 18, 2018 Funchal, Madeira, Portugal

In Cooperation with: APVE, CVTA, ABVE and ITS Portugal

Sponsored by: INSTICC
Logistics Partner: SCITEVENTS

IMPORTANT DATES:

Regular Paper Submission: October 16, 2017
Authors Notification (regular papers): December 15, 2017
Final Regular Paper Submission and Registration: January 4, 2018

Conference Topics:
Area 1: Intelligent Vehicle Technologies
- Driver Behaviour Analysis
- Traffic and Vehicle Data Collection and Processing
- Navigation Systems
- Autonomous Vehicles and Automated Driving
- Vision and Image Processing
- Vehicle Environment Perception
- Pattern Recognition for Vehicles
- Cognitive and Context-aware Intelligence
- Automotive Control and Mechatronics
- Off the Road Vehicles

Area 2: Intelligent Transport Systems and Infrastructure
- Big Data Analytics for Intelligent Transportation
- Road Safety and Transport Security
- Real-time Incident Detection
- Information Systems and Technologies
- Wireless Sensor Networks
- Automatic Tolls
- Geographic Information Systems
- Urban Mobility and Multimodal Transportation
- Congestion Management and Avoidance
- Public Transportation Management
- Parking Management and Electronic Parking
- Intelligent Infrastructure and Guidance Systems
- Traffic Theory, Modeling, and Simulation
- Air, Road, and Rail Traffic Management
- Ports and Vessel Traffic Management

Area 3: Connected Vehicles
- Cooperative Driving and Traffic Management
- Vehicular Cloud Computing
- Mobility and the Internet of Vehicles
- Big Data and Vehicle Analytics
- V2V, V2I, V2X
- Vehicular Networks
- Security and Safety
- Cognitive Radio
- Communication Protocols
- Connected Services
- Remote Diagnosis
- Vehicle Telematics

Area 4: Sustainable Transport
- City Mobility and Ecodriving
- Transport for People with Disabilities
- Electric Vehicles
- Fuel Cell Vehicles
- Hybrid EVs
- Smart Grid and V2G
- Systems Modeling and Simulation
- Engine-Efficiency and Emissions Control
- Power Management
- Alternative Fuels

Area 5: Data Analytics
- Big Data and Vehicle Analytics
- Visualisation Approaches
- Fleet telematics
- Analytics for Intelligent Transportation
- Reporting Tools
- Analytics and optimisation
- User and usage-level Feedback
- Vehicle Information Systems
- Interaction Design for Analytics
- Traffic management Reporting Systems
- Decision Support Systems

VEHITS CONFERENCE CHAIR:
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Markus Helfert, Dublin City University, Ireland

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http://www.vehits.org//ProgramCommittee.aspx