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Collana	Computer Communication Networks and Telecommunications ; ; 8435
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Soggetti	Computer communication systems Special purpose computers Computer system failures Computer Communication Networks Special Purpose and Application-Based Systems System Performance and Evaluation
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Nota di contenuto	Automotive Issues: Evaluation of WiFi for Kart Racing Monitoring -- Automated RF Emulator for a Highly Scalable IEEE802.11p Communication and Localization Subsystem -- IEEE 802.15.4 Based Wireless Sensor Network for Automotive Test and Measurement Applications with Predictable Frequency Agility -- Car-to-Car: Context-Aware Retransmission Scheme for Increased Reliability in Platooning Applications -- An Improved Relevance Estimation Function for Cooperative Awareness Messages in VANETs -- Evaluation of Performance Enhancement for Crash Constellation Prediction via Car- to-Car Communication: A Simulation Model Based Approach -- Aviation Issues: Performance Evaluation of an Ethernet-Based Cabin Network Architecture Supporting a Low-Latency Service -- Aeronautical Ad Hoc Network for Civil Aviation -- A DDS-Based Middleware for Cooperation of Air Traffic Service Units -- In-Car: Reliability Analysis of

ZigBee Based Intra-Vehicle Wireless Sensor Networks -- Attack Potential and Efficient Security Enhancement of Automotive Bus Networks Using Short MACs with Rapid Key Change -- Infrastructures: Optimization for Wireless Vehicular Network System in Urban Area -- LTE Micro-cell Deployment for High-Density Railway Areas -- Live Video Streaming in Vehicular Networks.

Sommario/riassunto

This book constitutes the proceedings of the 6th International Workshop on Communication Technologies for Vehicles, Nets4Cars/Nets4Trains/Nets4Aircraft 2014, held in Offenburg, Germany in May 2014. The 10 papers presented in this volume were carefully reviewed and selected from 15 submissions. The book also contains 4 invited papers. The contributions are organized in topical sections named: automotive issues, car-to-car, aviation issues, in-car, and infrastructures.