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   Nota di contenuto   IoV communications and networking -- Network architectures in Internet of Vehicles (IoV) : Review, protocols analysis, challenges and issues -- Improved Latency of CAN Vehicle Data Extraction Method -- GeoDTC: A New Geographic Routing Protocol based on Distance, Time and Custody Transfer -- User-centric vs Network-centric Vertical Handover Algorithms in 5G Vehicular Networks -- Dependability Aware Protocol for Urgency Messages Delivery in IoV -- IoV clouds and services -- Vehicular Fog Computing on Top of a Virtualization Layer

-- Credit Based Incentive Approach for V2V Cooperation In Vehicular Cloud Computing -- Vehicular Grouping and Network Formation: Virtualization of Network Self-Healing -- Evaluate Good Bus Driving Behavior with LSTM -- Social Knowledge to Improve Situation Awareness of Assistance Systems in City Driving -- Development of a mobile Functional Near-infrared Spectroscopy prototype -- Vehicular modelling and simulation -- AMoDSim: An Efficient and Modular Simulation Framework for Autonomous Mobility on Demand -- Aggregated Multi-Deep Deterministic Policy Gradient for Self-Driving Policy -- HESAVE: An Approach for Online Heuristic GPS Trajectory Sampling -- Mobility as a Service enabled by the Autonomous Driving -- Adaptive Multiple Task Assignments for UAVs using Discrete Particle Swarm Optimization -- Vehicular security and privacy -- Towards the security measures of the Vehicular Ad-Hoc Networks -- Electric Vehicle Charging Queue Management with Blockchain -- Towards a blockchain-based SD-IoV for applications authentication and trust management -- A Secure Authentication Protocol for Wireless Sensor Network in Smart Vehicular System -- An Acceleration Method for Similar Time-series Finding.

Sommario/riassunto	This book constitutes the proceedings of the 5th International Conference on the Internet of Vehicles, IOV 2018, which took place in Paris, France, in November 2018. This year's theme was "Technologies and Services Towards Smart City". The 21 papers presented in this volume were carefully reviewed and selected from 41 submissions. The papers are organized in topical sections named: IoV communications and networking; IoV clouds and services; vehicular modeling and simulation; and vehicular security and privacy.