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Nota di contenuto	Ad Hoc Networks -- An IoT-based Non-Invasive Diabetics Monitoring System for Crucial Conditions -- Model-based and Machine Learning Approaches for Designing Caching and Routing Algorithms -- New results on Q-routing protocol for wireless networks -- Vehicle Software Update Over ICN Architectures -- Joint Mobility-Aware UAV Placement and Routing in Multi-hop UAV Relaying Systems -- Analysis and performance of topology inference in mobile ad hoc networks -- A Stochastic Traffic Model For Congestion Detection in Multi-lane Highways -- Flexibility of Decentralized Energy Restoration in WSNs -- Carrot and Stick: Incentivizing Cooperation Between Nodes in Multihop Wireless Ad Hoc Networks -- Cost-Effective Controller Placement Problem for Software Defined Multihop Wireless Networks -- Efficient

	Backbone Routing in Hierarchical MANETs -- Transmission Power-Control Certificate Omission in Vehicular Ad hoc Networks -- CVNET' 2020: The 1st International Workshop on Cooperative Vehicular NETworking -- Analyzingdriving behavior: Towards dynamic driver profiling -- Energy Efficient Adaptive GPS Sampling Using Accelerometer Data Deep Anomaly Detector Based on Spatio-Temporal Clustering for Connected Autonomous Vehicles -- Cacao, a CAN-Bus simulation platform for secured vehicular communication.
Sommario/riassunto	This book constitutes the refereed proceedings of the 12th International Conference on Ad Hoc Networks, ADHOCNETS 2020, held in Paris in November 2020. The conference was held virtually due to COVID-19 pandemic. The 19 full papers were selected from 36 submissions covers a variety of network paradigms including mobile ad hoc networks (MANETs), wireless sensor networks (WSNs), vehicular ad hoc networks (VANETs), airborne networks, underwater networks, underground networks, personal area networks, and home networks. It promises a wide range of applications in civilian, commercial, and military areas.