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Soggetti	Computer networks Computer engineering Data structures (Computer science) Information theory Computer science - Mathematics Computer Communication Networks Computer Engineering and Networks Data Structures and Information Theory Mathematics of Computing Xarxes d'ordinadors Enginyeria de programari Teoria de la informació Informàtica Xarxes de comunicacions Matemàtica discreta Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Transmission Optimization in Edge Computing -- 1 DOA Estimation Based on Intelligent FMCW Radar With Triangle Array Antenna -- Multi-Modulation Scheme for RFID-based Sensor Networks -- Beam-based

Secure Physical Layer Key Generation for mmWave Massive MIMO System -- Weighted Sum Rate Maximization for NOMA-based UAV Networks -- Placement optimization for UAV-Enabled Wireless Power Transfer System -- Activate Cost-effective Mobile Crowd Sensing with Multi-Access Edge Computing -- Performance and Scheduling Optimization in Edge Computing -- A Survey on Security and Performance Optimization of Blockchain -- Performance Analysis of Blockchain-Based Internet of Vehicles Under the DSRC Architecture -- Cache-Aided Multi-Message Private Information Retrieval -- Evaluation of Dynamic Scheduling for Data Collection in Medical Application using Firefly Synchronization Algorithm -- Energy Efficient Scheduling and Time-Slot Sharing for Hyper-Dense D2D Networks Using mmWave -- Adaptive Hybrid MAC Protocol with Novel MOB Backoff Scheme for Massive M2M Communications -- Transmission Optimization in Edge Computing -- Deep Learning -- Transmission and Load Balancing -- Scheduling and Security in 5G -- A MIMO Channel Measurement System Based on Delay -- Lines and Simulations Based on Graph Modling -- A DNN-based WiFi-RSSI Indoor Localization Method in IoT -- A Downlink Scheduling Algorithm Based on Network Slicing for 5G -- Software Defined Unicast/Multicast Jointed Routing for Real-time Data Distribution -- Interference Coordination Using Cell Cluster for 5G Dynamic TDD System -- CPP-Based Cooperative Defense Against DoS Attacks in Future Non-terrestrial Networks Mobile Edge Network System -- Location-based Multi-Site Coordination Beam Tracking for Vehicle mmWave Communications -- Content-Aware Proactive Caching and Energy-Efficient Design in Clustered Small Cell Networks -- Land cover classification and accuracy evaluation based on object-oriented spatial features of GF-2 -- A Signaling Monitor Scheme of RRC Protocol in 5G Road Tester -- Snoop through Traffic Counters to Detect Black Holes in Segment Routing Networks -- Network Select in 5G Heterogeneous Environment by M-F-U Hybrid Algorithm -- Communication Routing and Control -- Channel Estimation Algorithm Based on Demodulation Reference Signal in 5G -- Constrained Multipath Routing Algorithm Based On Satellite Network -- Container Performance Prediction: Challenges and Solutions -- A Random Access Control Scheme for a NOMA-Enabled LoRa Network -- Fast power spectrum estimation with sparse learning for wideband spectrum sensing -- QoS-Guaranteed A -- P Selection Algorithm in Dense IEEE 802.11 WLANs Deep Learning -- Transmission and Load Balancing.

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### Sommario/riassunto

This proceedings constitutes the refereed proceedings of the 15th EAI International Conference on Communications and Networking, ChinaCom 2020, held in November 2020 in Shanghai, China. Due to COVID-19 pandemic the conference was held virtually. The 54 papers presented were carefully selected from 143 submissions. The papers are organized in topical sections on Transmission Optimization in Edge Computing; Performance and Scheduling Optimization in Edge Computing; Mobile Edge Network System; Communication Routing and Control; Transmission and Load Balancing; Edge Computing and Distributed Machine Learning; Deep Learning.

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