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Autore	Koucheryavy Yevgeni
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Nota di contenuto	-- Doppler Radar Performance for UAV Speed Detection in mmWave/sub-THz Systems with Directional Antennas. -- Link-Level Model for SINR and HPBW Evaluation in 5G mmWave UDN with Location-Aware Beamforming. -- Detecting PII Leakage using DPI and Machine Learning in an Enterprise Environment. -- Deep Learning for Preventing Botnet Attacks on IoT. -- Design of Multi-Polarisation

MIMO Antenna for Heterogeneous Smartphone Applications. -- Potential Possibilities Of Voice Pattern Recognition By A Distributed Fiber Optic Sensor. -- Enhancing Wireless Connectivity through Bayesian-optimized UAV-BS Positioning and Charging. -- Comparison of Centralized and Federated Machine Learning Techniques for Beamtracking in 5G/6G Systems. -- Exploring the Efficiencies and Vulnerabilities of Smart Door Control Systems: A Systematic Review. -- System-Level Model for SINR and HPBW Evaluation in 5G mmWave UDN with Location-Aware Beamforming. -- Reinforcement Learning Based Power Allocation for 6G Heterogenous Networks. -- The Impact of Capacity Averaging in Packet-Level Modeling of 5G NR with Blockage and Micromobility. -- Interference Mitigation for Reconfigurable Intelligent Surface (RIS)-Aided Non-Terrestrial Base Station (NTBS) In NOMA Downlink HetNets. -- Modeling a digital avatar of a car drivers based on the quantification of the information environment. -- A New Blockage Detection Approach for 6G THz Systems. -- Real-time Anomaly Detection in Network Traffic Using Graph Neural Networks and Random Forest. -- Addressing Security and Privacy Issues in a Smart Environment by Using Blockchain as a Preemptive Technique. -- The role of cryptocurrencies in the development of countries and the fight against financial problems. -- Designing the UzBCS lending platform network based on blockchain technology and ensure transaction security. -- Decentralized Blockchain Networks and Economic Security: Balancing Scalability and Security Tradeoffs. -- Study of Machine Learning Models for IoT based Efficient Classroom Usage. -- Transforming higher education: a comprehensive analysis of blockchain technologies and digitalization. -- Mediating role of ESG practices in determining MA premiums in info-communications. -- CIDM-BSC: Cross-Platform Infectious Disease Modeling Framework Using Blockchain and Smart Contracts. -- Comparative analysis of Botnet and Ransomware for Early Detection. -- Network resources optimization algorithm for robotic systems in 6G networks. -- Service Migration algorithm for distributed edge computing in 5G/6G networks. -- Holographic Images Delivery Model Toward 6G Telepresence Services. -- Comparison of Probabilistic Characteristics of 8-Bit Codes with Direct Error Correction. -- Unlocking the Potential of Blockchain Technology in the Digital Economy: A Comprehensive Analysis of Decentralized Social Networking Platforms. -- The Role of Blockchain in Supply Chain Transparency for E-Commerce. -- Analyzing the Effects of Blockchain Technology on Liquidity Management in Banking Institutions. -- Quantifying the Impact of Cyber security Risks on Digital Marketing ROI: A Case Study Analysis.

Sommario/riassunto

This book constitutes the refereed proceedings of the 23rd International Conference on Next Generation Wired/Wireless Networking, NEW2AN 2023, and the 16th Conference on Internet of Things and Smart Spaces, ruSMART 2023, held in Dubai, United Arab Emirates, in December 21–22, 2023. The 67 full papers included in the joint proceedings were carefully reviewed and selected from 258 submissions. They present a unique cross-disciplinary mixture of telecommunications-related research and science, various aspects of next generation data networks, while special attention is given to advanced wireless networking and applications.