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Disciplina	005.8
Soggetti	Computer networks Data protection Artificial intelligence Computer Communication Networks Data and Information Security Artificial Intelligence
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Search Planning and Analysis for Mobile Targets with Robots -- Stability of Positive Systems in WSN Gateway for Utility-aware Participant Selection with Budget Constraints for Mobile Crowd Sensing -- Toward Optimal Resource Allocation for Task Offloading in Mobile Edge Computing -- Goldilocks: Learning Pattern-based Task Assignment in Mobile Crowdsensing -- Cloud Resource Management and Scheduling -- A Reinforcement Learning based Placement Strategy in Datacenter Networks -- Scheduling Virtual Machine Migration during Datacenter -- Upgrades with Reinforcement Learning -- Batch Auction Design For Cloud Container Services -- A-GNN: Anchors-aware Graph Neural Networks for Node Embedding -- Accelerating Face Detection Algorithm on the FPGA Using SDAccel -- Hybrid NOMA/OMA with Buffer-Aided Relaying for Cooperative Uplink System -- UltraComm: High-speed and Inaudible Acoustic Communication -- A New Coordinated Multi-Points Transmission Scheme for 5G Millimeter-wave

Cellular Network -- Divide and Conquer: Efficient Multi-Path Validation with ProMPV -- AHV-RPL: Jammin-Resilient Backup Nodes Selection for RPL-based Routing in Smart Grid AMI Networks -- Privacy Protection Routing and a Self-organized Key Management Scheme in Opportunistic Networks.

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**Sommario/riassunto**

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This book constitutes the refereed post-conference proceedings of the 15th EAI International Conference on Quality, Reliability, Security and Robustness in Heterogeneous Networks, QShine 2019, held in Shenzhen, China, in November 2019. The 16 revised full papers were carefully reviewed and selected from 55 submissions. The papers are organized thematically in tracks, starting with mobile systems, cloud resource management and scheduling, machine learning, telecommunication systems, and network management.

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