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Soggetti	Computer networks Artificial intelligence Application software Computer engineering Image processing - Digital techniques Computer vision Computer Communication Networks Artificial Intelligence Computer and Information Systems Applications Computer Engineering and Networks Computer Imaging, Vision, Pattern Recognition and Graphics
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Nota di contenuto	Middleware, Wireless, and Future Networks -- A Middleware-Based Approach for Latency-Sensitive Service Provisioning in IoT with End-Edge Cooperation -- Deep Reinforcement Learning based Congestion Control Mechanism for SDN and NDN in Satellite Networks -- intelligent automated penetration testing using reinforcement learning to improve the efficiency and effecctiveness of penetration testing -- Time Slot Correlation-Based Caching Strategy for Information-Centric

Satellite Networks -- Design and implementation of a pipeline-based data scheduling method for spacecraft with multiple data buses -- Research on the Development of Intelligent Space System (ISS) -- Integrated Satellite-Terrestrial Information Network -- Features extraction of Reconstruction Model using in Augmented Reality System of Teleoperation Mobile Robots -- Research on Rapid 3D Reconstruction for Teleoperation in Manned Lunar Exploration Mission -- Onboard Software Maintenance Design and Implementation for networking satellites -- Model Based Development of Spacecraft OBDH Software -- Design of Aerospace Cloud Computing Server Based on Docker Cluster -- Integrated Satellite-Terrestrial Intelligent Information Processing, Decision and Planning (1) -- Analysis and Simulation of High Orbit Weak Signal Tracking Algorithm -- Avionics System Architectures for Software-Defined Spacecraft -- Research and application of energy efficiency optimization algorithm for spacecraft simulation platform -- SADA: SDN Architecture Based Secure Dynamic Access Scheme for Satellite Network -- Research on the Concept and Connotation of Space Proving Grounds (SPG) -- A Multi-Agent based Satellite Health Management System Architecture and Implementation Scheme -- Integrated Satellite-Terrestrial Intelligent Information Processing, Decision and Planning (2) -- Avionic system Architecture Design of the Manned Deep Space Exploration Spacecraft -- Research on Tianwen-1 Mars Probe Relay Communication Technology -- Design and practice of Communication System During EDL for Mars Probe -- Study on EMC Influence of Zhu Rong Rover UHF band communication system -- Design and implementation of power supply and distribution system for Mars landing mission -- Research on Integrated operation design of low orbit remote sensing satellite for intelligent application.

Sommario/riassunto

This book constitutes the refereed conference proceedings of the 11th International Conference on Mobile Wireless Middleware, Operating Systems and Applications, MOBILWARE 2022, via Virtual Event on 28-29, 2022 Due to COVID-19 pandemic the conference was held virtually. The 23 revised full papers were reviewed and selected from 59 submissions and are organized in tracks on Middleware, Wireless, and Future Networks; Integrated Satellite-Terrestrial Information Network; and Integrated Satellite-Terrestrial Intelligent Information Processing, Decision and Planning.