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Soggetti	Cloud computing Computational grids (Computer systems) Electronic data processing - Distributed processing Electronic data processing - Distributed processing - Economic aspects
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Special GECON Topics -- The Curation, Interfacing and Analysis Lifecycle of Blockchain Applications -- Serverless Computing: State of the Art and Research Challenge -- Business Models, Service Discovery -- A Business Model for Multi-Tiered Decentralized Software Frameworks: The Case of ONTOCHAIN -- HOCC: An Ontology for Holistic Description of Cluster Settings -- Effect of Trust and Institutional Quality on Cloud Federation Formation using Agent-Based Modeling -- A Game-Theoretic Approach for Pricing and Determining Virtual Reality Investment and Cybersecurity Level in a Dual-Channel Supply Chain -- Serveless Computing, IoT, Edge, Resource Management -- Semi-Automated Capacity Analysis of Limitation-Aware Microservices Architectures -- Edge-to-Cloud Solutions for Self-Adaptive Machine Learning-based IoT Applications. A Cost Comparison -- Exploring blockchain-based management for LoRa IoT nodes -- A Serverless Computing Platform for Software Defined Networks -- Edge Computing Applications in Industrial IoT: A Literature Review -- A Black-Box Graph Partitioner for Generalized Deep Neural Network

Parallelization -- New Idea Papers -- Selective Data Migration between Locality Groups in NUMA Systems -- A Framework to Support Decision-making based on AI and Simulation of Large-scale Models -- A Game-Theoretic Approach for Pricing and Determining Quality Levels of Cybersecurity Products Under an Exogenous Information-sharing Program -- Design and Implementation of a Compiler for Simulation of Large-scale Models.

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Sommario/riassunto

This book constitutes the refereed proceedings of the 19th International Conference on Economics of Grids, Clouds, Systems, and Services, GECON 2022, held in Izola, Slovenia, in September 2022. The 4 full papers presented in this book were carefully reviewed and selected from 22 submissions. In addition, this book includes 6 work-in-progress papers, 4 new ideas paper, and two invited papers. This series of conferences serves as a meeting place to bring together distributed systems expertise (e.g., in resource allocation, quality of service management, and energy consumption) with economics expertise (focusing on both micro- and macro-economic modelling and analysis) for creating effective solutions in this space. .

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