1. Record Nr.	UNISA996647869103316
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Titolo	Economics of Grids, Clouds, Systems, and Services : 20th International Conference, GECON 2024, Rome, Italy, September 26–27, 2024, Proceedings / / edited by Maurizio Naldi, Karim Djemame, Jorn Altmann, José Ángel Bañares
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031812262
	3031812263
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (406 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15358
Altri autori (Persone)	DjemameKarim
	AltmannJo
	BanaresJose Angel
Disciplina	004.6
Soggetti	Computer networks
	Computers, Special purpose
	Computer systems
	Operating systems (Computers)
	Artificial intelligence
	Programming languages (Electronic computers)
	Computer Communication Networks
	Special Purpose and Application-Based Systems
	Computer System Implementation
	Operating Systems
	Artificial Intelligence
	Programming Language
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Keynotes. -- Privacy as a Collective Value and How to Protect in the Era of AI. -- Patents and the Technological Evolution of AI. -- Function as a Service: Resource Management and QoS. -- Marginal Cost of Computation as a Collaborative Strategy for Resource Management at the Edge. -- FaaS@Edge: Bringing Function-as-a-Service to Voluntary Computing at the Edge. -- FaaS-Utility: Tackling

FaaS Cold Starts with User-preference and QoS-driven Pricing. -- Icarus: a Testing-as-a-Service Utility for Serverless Functions. -- Cloud Business Models, Pricing, Trading, Network Neutrality. -- A Cloud Resources Portfolio Optimization Business Model - From Theory to Practice. -- ISP Pricing and Platform Pricing Interaction under Net Neutrality. -- How to Accommodate Network Slicing & Network Neutrality. -- PricingTheCloud: A Pricing Estimator for an Informed Cloud-Migration Process. -- Innovating Letter-of-Credit Mechanisms: The Integration of RSA-Encrypted NFTs for Enhanced Security and Efficiency. -- Enhancing Transparency and Ethical Sourcing in Handicraft Supply Chains through Blockchain, Smart Contracts, NFTs, and IPFS Integration. -- Edge Computing and Energy Awareness. -- Scheduling Energy-aware Multi-function Serverless Workloads in OpenFaaS. -- Efficient Placement of Interdependent Services in Multi-access Edge Computing. -- Optimal CPU Frequency Selection to Minimize the Runtime of Tasks Under Power Capping. -- Energy-Efficient Task Offloading in Edge Computing: A Survey of Deep Reinforcement Learning Approaches. -- Edge Energy Orchestration. -- AI/Forecasting/Prediction Sales. -- Towards Trustworthy Aircraft Safety: Explainable AI for Accurate Incident and Accident Predictions. -- Trust and Trust-Building Policies to Support Cybersecurity Information Sharing: A Systematic Literature Review. -- Influencer Sales on TikTok: Forecasting Prominent Factors. -- Machine Learning Explainability as a Service: Service Description and Economics. -- Smart Mobility Solutions for Urban Transportation in ASEAN: A Bibliometric Study of Trends and Innovations. -- Resource Management in Cloud Applications: Simulation, Streaming Processing and Workflows. -- Distributed Simulation with Efficient Fault Tolerance. -- Strainer: Windowing-based Advanced Sampling in Stream Processing Systems. -- On Digital Twins for Cloud Continuum Applications. -- Specification of Complex Analytics Workflows: A Formal Language Model of Decision Options.

Sommario/riassunto	This book constitutes the refereed proceedings of the 20th International Conference on Economics of Grids, Clouds, Systems, and Services, GECON 2024, held in Rome, Italy, during September 26–27, 2024. The 12 full papers and 10 short papers presented in this book were carefully reviewed and selected from 37 submissions. They focus on topics such as: Function as a Service: Resource Management and QoS; Cloud Business Models, Pricing, Trading, Network Neutrality; Edge Computing and Energy Awareness; AI/Forecasting/Prediction Sales; and Resource Management in Cloud Applications: Simulation, Streaming Processing and Workflows.