

1. Record Nr.	UNINA9910983032403321
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Titolo	Blockchain, Metaverse and Trustworthy Systems : 6th International Conference, BlockSys 2024, Hangzhou, China, July 12–14, 2024, Revised Selected Papers, Part I // edited by Debiao He, Jiajing Wu, Chen Wang, Huawei Huang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	9789819614110 9819614112
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (330 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2264
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Disciplina	005.8 323.448
Soggetti	Data protection - Law and legislation Artificial intelligence Data structures (Computer science) Information theory Operating systems (Computers) Computers, Special purpose Privacy Artificial Intelligence Data Structures and Information Theory Operating Systems Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Blockchain and Data Mining. -- Intrusion Anomaly Detection with Multi-Transformer. -- A Federated Learning Method Based on Linear Probing and Fine-Tuning. -- Facilitating Feature and Topology Lightweighting: An Ethereum Transaction Graph Compression Method for Malicious Account Detection. -- A Secure Hierarchical Federated

Learning Framework based on FISCO Group Mechanism. -- Research on Network Traffic Anomaly Detection Method Based on Deep Learning. -- Hyper-parameter Optimization and Proxy Re-encryption for Federated Learning. -- Data Security and Anomaly Detection. -- Exploring Embedded Content in the Ethereum Blockchain: Data Restoration and Analysis. -- Task Allocation and Process Optimization of Data, Information, Knowledge, and Wisdom (DIKW)-based Workflow Engine. -- Location Data Sharing Method Based on Blockchain and Attribute-Based Encryption. -- Implicit White-Box Implementations of Efficient Double-Block-Length MAC. -- A Survey on Blockchain Scalability. -- Supply Chain Financing Model Embedded with “Full-Process” Blockchain. -- Blockchain Performance Optimization. -- ReCon: Faster Smart Contract Vulnerability Detection by Reusable Symbolic Execution Tree. -- SVD-SESDG: Smart Contract Vulnerability Detection Technology via Symbol Execution and State Variable Dependency Graph. -- Dual-view Aware Smart Contract Vulnerability Detection for Ethereum. -- Blockchain Layered Sharding Algorithm Based on Transaction Characteristics. -- An Empirical Study on the Performance of EVMs and Wasm VMs for Smart Contract Execution. -- Ponzi Scheme Detection in Smart Contracts Using Heterogeneous Semantic Graph.

Sommario/riassunto

This two-volume set CCIS 2264 and CCIS 2265 constitutes the refereed proceedings of the 6th International Conference on Blockchain and Trustworthy Systems, BlockSys 2024, held in Hangzhou, China, during July 12–14, 2024. The 34 full papers presented in these two volumes were carefully reviewed and selected from 74 submissions. The papers are organized in the following topical sections: Part I: Blockchain and Data Mining; Data Security and Anomaly Detection; Blockchain Performance Optimization. Part II: Frontier Technology Integration; Trustworthy System and Cryptocurrencies; Blockchain Applications.
