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Despite Coercion -- DPM Workshop: Leakage Quantication and Applications -- Privacy with Good Taste: A Case Study in Quantifying Privacy Risks in Genetic Scores -- A Parallel Privacy Preserving Shortest Path Protocol from a Path Algebra Problem -- A blockchain-based architecture to manage user privacy preferences on smart shared spaces privately -- No salvation from trackers: Privacy analysis of religious websites and mobile apps -- CBT Workshop: Bitcoin, Lightning Network and Scalability -- An empirical analysis of running a Bitcoin minimal wallet on an IoT device 160 -- The Ticket Price Matters in Sharding Blockchain -- On the Routing Convergence Delay in the Lightning Network -- LightSwap: An Atomic Swap Does Not Require Timeouts At Both Blockchains -- CBT Workshop: Anonymity, Fault Tolerance and Governance -- Preserving Buyer-Privacy in Decentralized Supply Chain Marketplaces -- Grape: Ecient Hybrid Consensus Protocol Using DAG -- A Game-Theoretic Analysis of Delegation Incentives in Blockchain Governance -- CBT Workshop: Short Papers -- A Limitlessly Scalable Transaction System -- Migrating Blockchains Away From ECDSA for Post-Quantum Security: A Study of Impact on Users and Applications -- Veriable External Blockchain Calls: Towards Removing Oracle Input Intermediaries.

Sommario/riassunto

This book constitutes the refereed proceedings and revised selected papers from the ESORICS 2022 International Workshops on Data Privacy Management, Cryptocurrencies and Blockchain Technology, DPM 2022 and CBT 2022, which took place in Copenhagen, Denmark, during September 26–30, 2022. For DPM 2022, 10 full papers out of 21 submissions have been accepted for inclusion in this book. They were organized in topical sections as follows: differential privacy and data analysis; regulation, artificial intelligence, and formal verification; and leakage quantification and applications. The CBT 2022 workshop accepted 7 full papers and 3 short papers from 18 submissions. The papers were organized in the following topical sections: Bitcoin, lightning network and scalability; and anonymity, fault tolerance and governance; and short papers.