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	Collana	Security and Cryptology, , 2946-1863 ; ; 12024
	Disciplina	005.8
	Soggetti	Data protection
		Cryptography
		Data encryption (Computer science)
		Computer networks - Security measures
		Computer networks
		Application software
		Data and Information Security
		Cryptology
		Mobile and Network Security
		Computer Communication Networks
		Computer and Information Systems Applications
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia
	Nota di contenuto	Invited Paper -- How to Compartment Secrets - Trust Everybody, but Cut the Cards (Invited Talk) -- Authentication -- A Lattice-based Enhanced Privacy ID -- A Generic View on the Unified Zero-Knowledge Protocol and its Applications -- Cryptography -- Verifiable and Private Oblivious Polynomial Evaluation -- Monomial Evaluation of Polynomial Functions Protected by Threshold Implementations – With an Illustration on AES -- Strong Designated Verifier Signature Based on the Rank Metric -- A Lightweight Implementation of NTRU Prime for the Post-Quantum Internet of Things -- Threats -- Fault Injection Characterization on modern CPUs - From the ISA to the Micro-Architecture -- Threat Analysis of Poisoning Attack against Ethereum

Blockchain -- A Template-based Method for the Generation of Attack Trees (short paper) -- Cybersecurity -- Analysis of QUIC Session Establishment and its Implementations -- CompactFlow: A Hybrid Binary Format for Network Flow Data -- SSI-AWARE: Self-Sovereign Identity Authenticated backup With Auditing by Remote Entities -- Internet of Things -- Automated Security Analysis of IoT Software Updates -- Towards a Context-Aware Security and Privacy as a Service in the Internet of Things (short paper).

Sommario/riassunto	This volume constitutes the refereed proceedings of the 13th IFIP WG 11.2 International Conference on Information Security Theory and Practices, WISTP 2019, held in Paris, France, in December 2019. The 12 full papers and 2 short papers presented were carefully reviewed and selected from 42 submissions. The papers are organized in the following topical sections: authentication; cryptography; threats; cybersecurity; and Internet of Things.