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	Collana	Security and Cryptology ; ; 11777
	Disciplina	005.8
	Soggetti	Computer security
Computers
Computer organization
Software engineering
Computer crimes
Systems and Data Security
Information Systems and Communication Service
Computer Systems Organization and Communication Networks
Software Engineering/Programming and Operating Systems
Computing Milieux
Computer Crime
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Invited Papers -- Everything is Awesome! Or is it? Cyber Security Risks in Critical Infrastructure -- Challenges In Quantifying An Adversary's Cyber Access to Critical Infrastructures -- Risk Management -- Exploring how Component Factors and their Uncertainty Aect Judgements of Risk in Cyber-Security -- Estimating Cascading Eects in Cyber-Physical Critical Infrastructures -- Aggregating Centrality Rankings: A Novel Approach to Detect Critical Infrastructure Vulnerabilities -- Vulnerability Assessment -- Cyber-Physical Systems Security Based on A Cross-Linked and Correlated Vulnerability Database -- Climate Change Impact and Vulnerability Analysis in the

City of Bratislava: Application and Lessons Learned -- Resilience and Mitigation -- Intrusion Resilience for PV Inverters in a Distribution Grid Use-Case Featuring Dynamic Voltage Control -- Mitigating escalation of cascading eects of a payment disruption across other critical infrastructures: lessons learned in 15 simulation-games -- Using Datasets from Industrial Control Systems for Cyber Security Research and Education -- Transport and Finance -- Securing Software Updates for Trains -- A comparison between SWIFT and Blockchain from a cyber resiliency perspective -- Short Papers -- On the Importance of Agility, Transparency, and Positive Reinforcement in Cyber Incident Crisis Communication -- SealedGRID: A Secure Interconnection of Technologies for Smart Grid Applications -- A Dynamic Risk Assessment (DRA) Methodology for High Impact Low Probability (HILP) Security Risks -- On Actuator Security Indices -- Testbed Evaluation of DoS Attacks on PID-controllers -- Industry and Practical Experience Reports -- White Paper on Industry Experiences in Critical Information Infrastructure Security: A Special Session at CRITIS 2019.

Sommario/riassunto	This book constitutes the revised selected papers of the 14th International Conference on Critical Information Infrastructures Security, CRITIS 2019, held in Linköping, Sweden, in September 2019. The 10 full papers and 5 short papers presented were carefully reviewed and selected from 30 submissions. They are grouped in the following topical sections: Invited Papers, Risk Management, Vulnerability Assessment, Resilience and Mitigation Short Papers, and Industry and Practical Experience Reports.