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Collana	Advances in information security, privacy, and ethics (AISPE) book series
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Nota di contenuto	Vulnerabilities and threats in smart grid communication networks / Yona Lopes [and 6 others] -- Security issues of communication networks in smart grid / Gurbakshish Singh Toor, Maode Ma -- Denial of service attack on protocols for smart grid communications / Swapnoneel Roy -- Detecting synchronization signal jamming attacks for cybersecurity in cyber-physical energy grid systems / Danda B. Rawat, Brycent A. Chatfield -- Privacy-preserving aggregation in the smart grid / Georgios Karopoulos, Christoforos Ntantogian, Christos Xenakis -- Analytical study on privacy attack models in privacy preserving data publishing / Sowmyarani C. N., Dayananda P. -- Authentication of smart grid: the case for using Merkle trees / Melesio Calderon Munoz, Melody Moh -- Secure interoperability in cyber-physical systems / Cristina Alcaraz, Javier Lopez -- Novel intrusion detection mechanism with low overhead for SCADA systems / Leandros Maglaras [and 3 others] -- A study on M2M (machine to machine) system and communication: its security, threats, and intrusion detection system / Rami Haidar Ahmad, Al-Sakib Khan Pathan -- Infrequent pattern identification in SCADA systems using unsupervised learning / Mohiuddin Ahmed -- CYRAN: a hybrid cyber range for testing security on ICS/SCADA systems / Bil Hallaq [and 5 others] -- A

key management scheme for secure communications based on smart grid requirements (KMS-CL-SG) / Bashar Alohalı [and 3 others] -- Modelling software-defined wireless sensor network architectures for smart grid neighborhood area networks / Nazmus S. Nafi, Khandakar Ahmed, Mark A. Gregory -- Smart energy and cost optimization for hybrid micro-grids: PV/ wind/ battery/ diesel generator control / Imene Yahyaoui [and 3 others] -- Feasibility study of renewable energy integrated electric vehicle charging infrastructure / Azhar UI-Haq, Marium Azhar -- Enabling publish/subscribe communication for on-the-move electric vehicle charging management / Yue Cao, Tong Wang, Yunfeng Wang -- Smart control strategy for small-scale photovoltaic systems connected to single-phase grids: active and reactive powers control / Imene Yahyaoui, Fernando Tadeo, Marcelo Eduardo Vieira Segatto.

Sommario/riassunto

"This book is a pivotal reference source for the latest research on the development of smart grid technology and best practices of utilization. Featuring extensive coverage across a range of relevant perspectives and topics, such as threat detection, authentication, and intrusion detection"--Provided by publisher.
