

1. Record Nr.	UNINA9910447249003321
Titolo	Computer security : ESORICS 2020 International Workshops, CyberICPS, SECPRE, and ADIoT, Guildford, UK, September 14-18, 2020, revised selected papers // Sokratis Katsikas [and nine others] (editors)
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] ©2020
ISBN	3-030-64330-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVIII, 265 p. 75 illus., 50 illus. in color.)
Collana	Security and Cryptology ; ; 12501
Disciplina	005.8
Soggetti	Computer security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	CyberICPS Workshop -- Integrated Analysis of Safety and Security Hazards in Automotive Systems -- Attack Path Analysis for Cyber-Physical Systems -- Identifying and Analyzing Implicit Interactions in a Wastewater Dechlorination System -- A Survey of Cryptography-Based Authentication for Smart Grid Communication -- Cybersecurity Awareness Platform with Virtual Coach and Automated Challenge Assessment -- IoT Vulnerability Scanning: A State of the Art -- Learning from Vulnerabilities - Categorising, Understanding and Detecting Weaknesses in Industrial Control Systems -- Self Adaptive Privacy in Cloud Computing Environments: Identifying the major socio-technical concepts -- SECPRE Workshop -- Definition and Verification of Security Configurations of Cyber-Physical Systems -- GDPR Compliance: Proposed Guidelines for Cloud-based Health Organizations -- Aligning the Concepts of Risk, Security and Privacy towards the design of Secure Intelligent Transport Systems -- Identifying Implicit Vulnerabilities through Personas as Goal Models -- ADIoT Workshop -- Cooperative Speed Estimation of an RF Jammer in Wireless Vehicular Networks -- Extended Abstract: Towards Physical-Layer Authentication for Backscatter Devices -- P2Onto: Making Privacy Policies Transparent -- Extended Abstract - Transformers: Intrusion Detection Data In Disguise.
Sommario/riassunto	This book constitutes the refereed post-conference proceedings of the

6th International Workshop on Security of Industrial Control Systems and Cyber-Physical Systems, CyberICPS 2020, the Second International Workshop on Security and Privacy Requirements Engineering, SECPRE 2020, and the Third International Workshop on Attacks and Defenses for Internet-of-Things, ADIoT 2020, held in Guildford, UK, in September 2020 in conjunction with the 25th European Symposium on Research in Computer Security, ESORICS 2020. Due to COVID-19 pandemic the conference was held virtually. The CyberICPS Workshop received 21 submissions from which 5 full papers were selected for presentation. They cover topics related to threats, vulnerabilities and risks that cyber-physical systems and industrial control systems face; cyberattacks that may be launched against such systems; and ways of detecting and responding to such attacks. From the SECPRE Workshop 4 full papers out of 7 submissions are included. The selected papers deal with aspects of security and privacy requirements assurance and evaluation; and security requirements elicitation and modelling and to GDPR compliance. From the ADIoT Workshop 2 full papers and 2 short papers out of 12 submissions are included. The papers focus on IoT attacks and defenses and discuss either practical or theoretical solutions to identify IoT vulnerabilities and IoT security mechanisms.
