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Descrizione fisica	1 online resource (XI, 322 p. 91 illus.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 593
Disciplina	620.82
Soggetti	Computational intelligence Computer security User interfaces (Computer systems) Management information systems Computer crimes Computational Intelligence Systems and Data Security User Interfaces and Human Computer Interaction Business IT Infrastructure Cybercrime
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cybersecurity management through logging analytics -- Adaptive weak secrets for authenticated key exchange -- Internet of things and distributed denial of service mitigation -- Eye tracking graphical passwords -- Understanding and discovering SQL injection vulnerabilities -- Grid framework to address password memorability issues and offline password attacks -- Exploring 3D cybersecurity visualization with the Microsoft HoloLens -- Humans as the strong link in securing the total learning architecture -- Preserving dignity, maintaining security and acting ethically -- Human factors in information security culture: A literature review -- Do you really trust

“privacy policy” or “terms of use” agreements without reading them? -- Users’ attitudes towards the “going dark” debate -- The use of cloud computing applications in education: Privacy and security concerns. .

Sommario/riassunto

This book reports on the latest research and developments in the field of cybersecurity, placing special emphasis on personal security and new methods for reducing human error and increasing cyber awareness, as well as innovative solutions for increasing the security of advanced Information Technology (IT) infrastructures. It covers a broad range of topics, including methods for human training; novel Cyber-Physical and Process-Control Systems; social, economic, and behavioral aspects of cyberspace; issues concerning the cybersecurity index; security metrics for enterprises; risk evaluation, and many others. Based on the AHFE 2017 International Conference on Human Factors in Cybersecurity, held on July 17–21, 2017, in Los Angeles, California, USA, the book not only presents innovative cybersecurity technologies, but also discusses emerging threats, current gaps in the available systems, and future challenges that may be successfully overcome with the help of human factors research. .
