

1. Record Nr.	UNISA996465445203316
Titolo	Securing Social Identity in Mobile Platforms [[electronic resource]] : Technologies for Security, Privacy and Identity Management // edited by Thirimachos Bourlai, Panagiotis Karampelas, Vishal M. Patel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-39489-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (269 pages)
Collana	Advanced Sciences and Technologies for Security Applications, , 1613-5113
Disciplina	005.8
Soggetti	Computers and civilization System safety Social sciences—Data processing Social sciences—Computer programs Computer crimes Biometrics (Biology) Computers and Society Security Science and Technology Computational Social Sciences Cybercrime Biometrics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I – Mobile-based Privacy & Security -- Shared Images and Camera Fingerprinting May Lead to Privacy Issues -- Presentation Attacks in Mobile and Continuous Behavioral Biometric Systems -- Personalized Data Minimization Assurance using Bluetooth Low Energy -- Part II – Mobile-based Biometric Technologies -- On Designing a Forensic Toolkit for Rapid Detection of Factors that Impact Face Recognition Performance when Processing Large Scale Face Datasets -- Classification of Soft Biometric Traits when Matching Near-Infrared Long-range Face Images against their Visible Counterparts -- Quality and Match Performance Analysis of Band-Filtered Visible RGB Images --

Unconstrained Face Recognition using Cell Phone Devices: Faces in the Wild -- Face Detection in MWIR Spectrum -- Part III – Mobile-based Active Authentication -- Mobile Active Authentication based on Multiple Biometric and Behavioral Patterns -- Quickest Multiple User Active Authentication -- Iris Recognition on Mobile: Real-Time Feature Extraction and Matching in the Wild -- A Protocol for Decentralized Biometric-based Self-Sovereign Identity Ecosystem -- Towards Wider Adoption of Continuous Authentication on Mobile Devices.

Sommario/riassunto

The book presents novel research in the areas of social identity and security when using mobile platforms. The topics cover a broad range of applications related to securing social identity as well as the latest advances in the field, including the presentation of novel research methods that are in the service of all citizens using mobile devices. More specifically, academic, industry-related and government (law enforcement, intelligence and defence) organizations, will benefit from the research topics of this book that cover the concept of identity management and security using mobile platforms from various perspectives, i.e. whether a user navigates to social media, accesses their own phone devices, access their bank accounts, uses online shopping service providers, accesses their personal documents or accounts with valuable information, surfs the internet, or even becomes a victim of cyberattacks. In all of the aforementioned cases, there is a need for mobile related technologies that protect the users' social identity and well-being in the digital world, including the use of biometrics, cybersecurity software and tools, active authentication and identity anti-spoofing algorithms and more.
