

1. Record Nr.	UNINA9910372787303321
Titolo	The Ethics of Cybersecurity [[electronic resource] /] / edited by Markus Christen, Bert Gordijn, Michele Loi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (384)
Collana	The International Library of Ethics, Law and Technology, , 1875-0044 ; ; 21
Disciplina	601
Soggetti	Engineering ethics Mass media Law Computer crimes Computer security Engineering Ethics IT Law, Media Law, Intellectual Property Cybercrime Privacy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Part 1. Foundations -- Chapter 2. Basic Concepts and Models of Cybersecurity (Endre Bangerter) -- Chapter 3. Core values in Cybersecurity (Ibo van de Poel) -- Chapter 4. Ethical Frameworks for Cybersecurity (Mary Manjikian) -- Chapter 5. Legislative Framework for Cybersecurity (Gloria Gonzalez Fuster, Lina Jasmontaite) -- Part 2 – Problems -- Chapter 6. Cybersecurity in Health (Karsten Weber, Nadine Kleine) -- Chapter 7. Cybersecurity in Business (Gwenyth Morgan, Bert Gordijn) -- Chapter 8. Cybersecurity of Critical Infrastructures (Emad Yaghmaei, TU Delft, Michele Loi) -- Chapter 9. Cybersecurity and Cyberwar (Mariasario Taddeo) -- Chapter 10. Cybersecurity and the State (Harald Zwingelberg, Eva Schlehahn) -- Chapter 11. Cybersecurity and Democracy -- Chapter 12. Ethical and Unethical Hacking (David-Olivier Jaquet-Chiffelle) --

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Software Providers (Alexey Kirichenko) -- Chapter 17. A framework for  
Ethical Cyber-Defence for Companies -- Chapter 18. Privacy-Protecting  
Cybersecurity Technologies (Josep Domingo-Ferrer) -- Chapter 19.  
Guidelines for Medical Professionals to Ensure Cybersecurity in Digital  
Healthcare -- Chapter 20. Conclusion.

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Sommario/riassunto

This open access book provides the first comprehensive collection of papers that provide an integrative view on cybersecurity. It discusses theories, problems and solutions on the relevant ethical issues involved. This work is sorely needed in a world where cybersecurity has become indispensable to protect trust and confidence in the digital infrastructure whilst respecting fundamental values like equality, fairness, freedom, or privacy. The book has a strong practical focus as it includes case studies outlining ethical issues in cybersecurity and presenting guidelines and other measures to tackle those issues. It is thus not only relevant for academics but also for practitioners in cybersecurity such as providers of security software, governmental CERTs or Chief Security Officers in companies.

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