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	Edizione	[1st ed. 2026.]
	Descrizione fisica	1 online resource (439 pages)
	Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 1791
	Altri autori (Persone)	Legg
	Disciplina	620.00285
	Soggetti	Engineering - Data processing
		Computational intelligence
		Cooperating objects (Computer systems)
		Data protection
		Data Engineering
		Computational Intelligence
		Cyber-Physical Systems
		Data and Information Security
	Lingua di pubblicazione	Inglese
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	Nota di contenuto	HackRoom: A Pop Up Cyber Security Escape Room for Interactive Learning -- Break Escape: A Novel Game Framework for Immersive Cyber-Physical Security Education -- Let's Play a Game: From the Classroom to the Boardroom - The Integration of Serious Games into the Cyber Security Educational Pathway.
	Sommario/riassunto	This book provides reflection and account of innovative practice for how we approach teaching and learning for cyber security education. Cyber security continues to play a crucial role in our modern society, with a need to secure supply chain attacks and critical infrastructure. How we therefore educate in this area and how we encourage new ways of thinking and new ways of addressing these challenges require a community effort across academia, industry, and government to continually reflect and enhance our practice. The variety of works in this book includes the development of cyber escape rooms,

gamification approaches for cyber security education, and AI-based learning platforms. The topics span across how we rethink of the insider threat in the age of AI, how social media interplays with cyber security education, and how we teach geopolitical aspects of cyber security. As a rapidly growing area of education, there are many fascinating examples of innovative teaching and assessment taking place; however, as a community we can do more to share best practice and enhance collaboration across the education sector. CSE Connect is a UK-based community group that promotes sharing and collaboration in cyber security education so that we can upskill and innovate the community together both nationally and internationally. The chapters of this book were presented at the 5th Annual Advances in Teaching and Learning for Cyber Security Education conference, hosted by CSE Connect at the University of Warwick, UK, on July 22, 2025. The book is of interest to educators, students, and practitioners in cyber security, both for those looking to upskill in cyber security education, as well as those aspiring to work within the cyber security sector.