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	ISBN	3-030-20135-X
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (402 pages)
	Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 963
	Disciplina	371.33
	Soggetti	Educational technology
		User interfaces (Computer systems)
		Cognitive psychology
		Educational sociology
		Education and sociology
		Engineering economics
		Engineering economy
		Industrial organization
		Educational Technology
		User Interfaces and Human Computer Interaction
		Cognitive Psychology
		Sociology of Education
		Engineering Economics, Organization, Logistics, Marketing
		Industrial Organization
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	This book focuses on the importance of human factors in optimizing the learning and training process. It reports on the latest research and best practices and discusses key principles of behavioral and cognitive science, which are extremely relevant to the design of instructional

content and new technologies to support mobile and multimedia learning, virtual training and web-based learning, among others, as well as performance measurements, social and adaptive learning and many other types of educational technologies, with a special emphasis on those important in the corporate, higher education, and military training contexts. Based on the AHFE 2019 Conference on Human Factors in Training, Education, and Learning Sciences, held on July 24-28, 2019, in Washington D.C., USA, the book offers a timely perspective on the role of human factors in education. It highlights important new ideas and will fosters new discussions on how to optimally design learning experiences.