

1. Record Nr.	UNINA9910497109603321
Titolo	Proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021) [[electronic resource] ] : Volume V: Methods & Approaches // edited by Nancy L. Black, W. Patrick Neumann, Ian Noy
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-74614-3
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (XXVII, 865 p. 283 illus., 234 illus. in color.)
Collana	Lecture Notes in Networks and Systems, , 2367-3370 ; ; 223
Disciplina	005.437 4.019
Soggetti	User interfaces (Computer systems) Business Management science Cognitive psychology User Interfaces and Human Computer Interaction Business and Management, general Cognitive Psychology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book presents the proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021), held online on June 13-18, 2021. By highlighting the latest theories and models, as well as cutting-edge technologies and applications, and by combining findings from a range of disciplines including engineering, design, robotics, healthcare, management, computer science, human biology and behavioral science, it provides researchers and practitioners alike with a comprehensive, timely guide on human factors and ergonomics. It also offers an excellent source of innovative ideas to stimulate future discussions and developments aimed at applying knowledge and techniques to optimize system performance, while at the same time

promoting the health, safety and wellbeing of individuals. The proceedings include papers from researchers and practitioners, scientists and physicians, institutional leaders, managers and policy makers that contribute to constructing the Human Factors and Ergonomics approach across a variety of methodologies, domains and productive sectors. This volume includes papers addressing the following topics: Working with Computer Systems, Human Modelling and Simulation, Neuroergonomics, Biomechanics, Affective Design, Anthropometry, Advanced Imaging.

---