

Proceedings of the 22nd Congress of the International Ergonomics Association, Volume 5

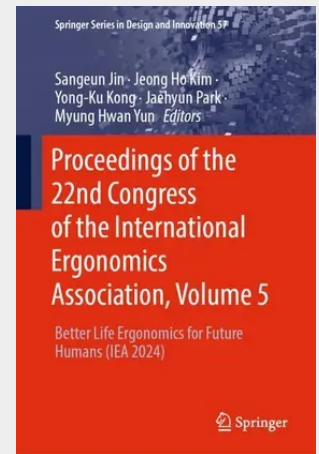
Better Life Ergonomics for Future Humans (IEA 2024)

This book presents the proceedings of the 22nd Congress of the International Ergonomics Association (IEA 2024), held on August 25-29, 2024. 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.

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