1. **Record Nr.**   UNINA9910366604803321

   Titolo   Human Interaction and Emerging Technologies : Proceedings of the 1st International Conference on Human Interaction and Emerging Technologies (IHIET 2019), August 22-24, 2019, Nice, France / / edited by Tareq Ahram, Redha Taiar, Serge Colson, Arnaud Choplin

   Pubbl/distr/stampa Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020

   ISBN   3-030-25629-4

   Edizione   [1st ed. 2020.]

   Descrizione fisica 1 online resource (1,027 pages)

   Collana   Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1018

   Disciplina   004.019

   Soggetti   Biomedical engineering
                           User interfaces (Computer systems)
                           Sports medicine
                           Computer engineering
                           Internet of things
                           Embedded computer systems
                           Biomedical Engineering and Bioengineering
                           User Interfaces and Human Computer Interaction
                           Sports Medicine
                           Cyber-physical systems, IoT

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Includes index.

   Sommario/riassunto This book reports on research and developments in human-technology interaction. A special emphasis is given to human-computer interaction, and its implementation for a wide range of purposes such as healthcare, aerospace, telecommunication, and education, among others. The human aspects are analyzed in detail. Timely studies on human-centered design, wearable technologies, social and affective computing, augmented, virtual and mixed reality simulation, human rehabilitation and biomechanics represent the core of the book. Emerging technology applications in business, security, and

infrastructure are also critically examined, thus offering a timely, scientifically-grounded, but also professionally-oriented snapshot of the current state of the field. The book is based on contributions presented at the 1st International Conference on Human Interaction and Emerging Technologies, IHIET 2019, held on August 22-24, in Nice, France. It offers a timely survey and a practice-oriented reference guide to systems engineers, psychologists, sport scientists, physical therapists, as well as decision-makers, designing or dealing with the new generation of service systems. User Experience of a Social Media Based Knowledge Sharing System in Industry Work, Chapter of this book is available open access under a CC BY 4.0 license at link. springer.com.