Record Nr. UNINA9910736989503321 Autore Borgianni Yuri Titolo Towards a Smart, Resilient and Sustainable Industry [[electronic resource]]: Proceedings of the 2nd International Symposium on Industrial Engineering and Automation ISIEA 2023 / / edited by Yuri Borgianni, Dominik T. Matt, Margherita Molinaro, Guido Orzes Cham: .: Springer Nature Switzerland: .: Imprint: Springer, . 2023 Pubbl/distr/stampa **ISBN** 3-031-38274-9 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (687 pages) Lecture Notes in Networks and Systems, , 2367-3389 ; ; 745 Collana MattDominik T Altri autori (Persone) MolinaroMargherita OrzesGuido 670 Disciplina Soggetti Control engineering Robotics Automation Manufactures Computational intelligence Control, Robotics, Automation Machines, Tools, Processes Computational Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

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Sommario/riassunto

This book offers insights into the new trends that are pushing industries toward the 5.0 paradigm. Digitalization has made tremendous inroads, and the key enabling technologies for Industry 4.0 are increasingly mature. "Towards a Smart, Resilient and Sustainable Industry" not only strikes a balance among the current benefits, issues, and limitations of the current wave of digitalization, but also identifies the key challenges for making new industrial developments favorable for people and the environment. The different perspectives presented in this collection are gathered from contributions presented at the 2nd International Symposium on Industrial Engineering and Automation (ISIEA 2023), which took place at the Free University of Bozen-Bolzano on June 22-23, 2023. Readers will realize how aspects from different disciplines are interwoven to allow positive changes across industries: from engineering to artificial intelligence, from management to design, and from health care to biology.