Record Nr. UNINA9910728398303321 Autore Petri Tadei Titolo Advances in Service and Industrial Robotics: RAAD 2023 / / edited by Tadej Petri, Aleš Ude, Leon Žlajpah Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2023 Pubbl/distr/stampa **ISBN** 3-031-32606-7 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (503 pages) Collana Mechanisms and Machine Science, , 2211-0992;; 135 Altri autori (Persone) UdeAles ŽlajpahLeon Disciplina 629.892 Soggetti Robotics Human-machine systems Mechatronics Robotic Engineering **Human-Machine Interfaces** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This book presents the proceedings of the 32nd International Conference on Robotics in Alpe-Adria-Danube Region (RAAD), held in Bled, Slovenia, June 14-16, 2023. It gathers contributions by researchers from several countries on all major areas of robotic research, development and innovation, as well as new applications and current trends. The topics covered include: novel designs and applications of robotic systems, intelligent cooperating and service robots, advanced robot control, human-robot interfaces, robot vision systems, mobile robots, humanoid and walking robots, bio-inspired and swarm robotic systems, aerial, underwater and spatial robots, robots for ambient assisted living, medical robots and bionic prostheses, cognitive robots, cloud robotics, ethical and social issues in

gather new ideas for future developments.

robotics, etc. Given its scope, the book offers a source of information and inspiration for researchers seeking to improve their work and