1. Record Nr. UNINA9910484680203321 Advances in service and industrial robotics: RAAD 2021, Poitiers, Titolo France, 21-23 June 2021 / / editors, Said Zeghloul, Med Amine Laribi, Juan Sandoval Cham, Switzerland: ,: Springer, , [2021] Pubbl/distr/stampa ©2021 **ISBN** 3-030-75259-3 Descrizione fisica 1 online resource (289 pages) Collana Mechanisms and machine science; ; Volume 102 Disciplina 629.892 Soggetti Robotics Robòtica Llibres electrònics Congressos Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This book presents the proceedings of the 30th International Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2021, held in Poitiers, France, 21-23 June 2021. 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 robotics, etc. Given its scope, the book offers a source of information and inspiration for researchers seeking to improve their work and

gather new ideas for future developments