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Sommario/riassunto	Long description: Robotics in the dawning era of digitalization and artificial intelligence! After two years, the 52nd International Symposium on Robotics – ISR 2020 will be held online from December 09–10, 2020. In two conference tracks and a poster session over two days, the ISR 2020 will offer an insight into the latest state-of-the-art robot technologies to participants from both industry and research. Sessions will be held on relevant topics such as Modeling, Planning and Control, as well as Components and Technologies. Developments from the area of Robotics in Production and Industrial Robots will also be addressed, as well as Service and Mobile Robotics. Additionally, we are planning sessions on Robotics in New Markets & Applications, as well as Human-robot-collaboration / Future of Work. And additional

Business Track will offer guest speakers from the industry the opportunity to present their current products and developments. The special session for the IERA Award finalists will round off the conference program. This international conference is jointly organized by the Mechanical Engineering Industry Association (VDMA) and the Information Technology Society (ITG) within VDE. The ISR 2020 was originally organized as customary parallel to the automatica, the leading exhibition for smart automation and robotics. Due to the ongoing situation with COVID-19, the trade show has been cancelled in 2020. Messe München is now working with exhibitors to develop a new in-person event with digital elements, adapted to the circumstances in times of the coronavirus. The new event has been conceived as a compact 'exhibition before the exhibition' for early summer 2021 and is to become an add-on to automatica. Detailed information on this will follow shortly.
