

Welcome

Robotics technologies are in an active process of convergence towards innovative solutions with great benefit for all mankind. We roboticists are at the forefront of this development, combining Industry 4.0 and AI trends with established use cases from the industry. Robots are increasingly taking over dangerous, dull or painful tasks. Recent years have shown many interesting developments that can be published at the ISR, making it the ideal platform for presenting your research results to the community.

The 54th International Symposium on Robotics – ISR Europe 2022 will be held again in Munich, Germany on June 20-21, 2022. This international conference is jointly organized by the Mechanical Engineering Industry Association (VDMA) and the Information Technology Society (ITG) within the VDE. ISR Europe 2022 takes place anew parallel to the Automatica, the leading exhibition for smart automation and robotics. The conference will start one day before the trade fair, leaving conference participants with plenty of time to visit the Automatica.

For the ISR 2022, the organizers are planning a special event together with the Scientific Society for Assembly, Handling and Industrial Robotics (MHI), as they are celebrating their 10th anniversary at the same time in Munich. The traditional Conference Gala Dinner will be complemented by the MHI festivities in the presence of esteemed guests from politics, business and robotics research. Presentations of the final nominees for the Joseph F. Engelberger Award, IERA Award and the award ceremony for the MHI Promotion Award are further highlights of the ISR 2022 Gala Dinner.

In two conference tracks and a poster session over two days, the ISR Europe 2022 will offer an insight into state-of-the-art robot technologies to participants from both industry and research. Selected conference topics include Modeling, Planning and Control, as well as Components and Technologies or Future Industrial and Service Robotics Applications. The Business Track will offer invited speakers from the industry the opportunity to present current product developments. The special session for the IERA Award finalists rounds up the conference program.

I would be honored to personally greet researchers and experts from the field of robotics in Munich on June 20-21, 2022.

*Prof. Dr. Alexander Verl, University of Stuttgart
Chair of ISR Europe 2022 on behalf of International Federation of Robotics (IFR)*

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