

## 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 56th International Symposium on Robotics - ISR Europe 2023 will be held in Stuttgart, Germany on September 26 to 27, 2023. This international conference is jointly organized by the Mechanical Engineering Industry Association (VDMA) and the Information Technology Society (ITG) within the VDE. ISR Europe 2023 takes place in a new format without the automata exhibition this year.

For the ISR 2023, the organizers are planning a special event at the Volksfest Cannstatter Wasen in Stuttgart. The traditional Volksfest represents the culture and society of Stuttgart.

In two conference tracks and a poster session over two days, the ISR Europe 2023 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.

I would be honored to personally greet researchers and experts from the field of robotics in Stuttgart, on September 26 to 27, 2023.

*Prof. Dr. Alexander Verl, University of Stuttgart and Dr. Werner Kraus, Fraunhofer IPA Chairs of ISR Europe 2023 on behalf of International Federation of Robotics (IFR)*