

#### **Press and Media Information**

# ICRA 2020: The longest and most accessible ICRA ever!

On behalf of the IEEE Robotics and Automation Society, the organizing committee is delighted to invite you to the 2020 International Conference on Robotics and Automation; ICRA 2020. The conference will be held virtually from May 31 - June 15 with some live events, and all recorded content available until August 31, 2020.

In the light of current exceptional circumstances, ICRA 2020 has been re-envisioned as a virtual conference, for the safety of our community and to offer an inclusive experience. The virtual format will provide an opportunity for our community to continue to present their research and collaborate with their peers across the globe.

The 2020 conference will convene experts in the field of robotics and automation for technical communications through presentations and online discussions, providing a fantastic opportunity to network with like-minded professionals from around the world. All registered participants will have full access to proceedings, comprising 1600 cutting edge reports from all around the world. The online conference will feature plenary talks and keynotes, and will give you the opportunity to exchange efficiently with your fellows.

## A New Conference Experience from Home

- Very affordable registration rates will allow for a very large audience.
- <u>Three plenaries and eight keynotes</u> will be diffused on ieee.tv
- All technical papers are featured with 5 to 10 minutes presentation videos kindly supplied by authors
- Authors will be notified to populate their presentation pages and bios online. They can also announce when you'll be available for a live meeting

- Attendees can connect to InfoVaya robust and secure environment, available on mobile app to convene online to browse the sessions, presentations, profiles and find information of interest
- A Virtual Industrial Exposition and European Research Showcase will be presented
- A Slack workspace available for each participant to initiate video conferencing within the channel, to answer questions, to initiate textual communication
- A series of <u>satellite workshop and tutorials</u> are also organized online.
- Our ICRA-X Art Program with full online experience!

# **Key Figures**

- > 4000 participants already registered for the virtual event (while registrations were reopened last week!)
- 2902 papers were reviewed (15 editors, 331 associate editors and 4,823 reviewers)
- 1277 papers selected for presentation (acceptance rate 44%)
- 1600 papers are presented as on-demand videos on InfoVaya conference hub.

# **Program Overview**

This program reflects the many aspects of robotics research with new contributions from the best teams in the world.

- Deep Learning in robotics, Learning and adaptive systems, Recognition
- Planning, path-planning, optimization, optimal control, grasping
- Vision, sensing, perception, tactile sensing, navigation, localization, SLAM, Human detection,
- Aerial Systems, Autonomous Driving, Marine robotics, legged robots, distributed robotics, cooperating robots, Space robotics, Agricultural automation
- Mechanical design, soft robotics, flexible robots, mechanism, actuators, tendon/wire mechanisms
- Surgical robotics, biological cell manipulation, prosthesis, exoskeletons



## **Press Conference**

- First press conference: Monday June 1st at 4:30pm (CEST), after the plenary panel: Covid-19: How Can Roboticists Help?
- Second press conference: Week June 8-12. Date and time to be defined

Please send an email (<u>icra20\_media@isir.upmc.fr</u>) to register to the press conference at no cost.

### **Contact Us**

#### icra20 media@isir.upmc.fr

We offer free registration to accredited journalists to access the content of the conference

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