

# RACIR 2021

## 5th Robotix-Academy Conference for Industrial Robotics



The aim of the RACIR conference is to implement successful networking among scientific staff and students. The focus is to scientifically exchange at different levels in order to disseminate research results, to identify synergies and trends, to personally connect actors and ultimately to further strengthen the research fields of Robotix-Academy. In addition, there is the possibility to learn more about the respective organizing institution. The conference will focus on different aspects and trends of robotics and automation in different areas.

## 22.09.2021 organised as a conference at the Environmental Campus Birkenfeld

### Topics:

- Robot control and design
- Information and communication technologies
- Human-Robot-Interaction
- Assisted assembly/disassembly
- Service robots (healthcare, logistics)
- Robotics on automation (automotive, aeronautics)
- Cognitive robotics
- Robot deployment in environmental technology
- Mobile and networked robots
- Autonomous robot functions and artificial intelligent
- Soft robotics and exoskeletons

- **Deadline** for registration and submission: **01.08.2021**
- **Participation fee:** free
- **Submission of contributions:** Prospective authors are invited to submit high-quality papers (6-8 pages) representing original results in the area of industrial robotics
- **Publication:** Papers will be published in a conference book and website
- **Presentation:** 20-minutes presentation + 10-minutes discussion
- **Registration:** [racir@robotix.academy](mailto:racir@robotix.academy)

For current information, please visit:  
[robotix.academy/racir](http://robotix.academy/racir)

The Robotix-Academy project is a research cluster in the field of industrial robotics in the Greater Region. One of the strengths of the Robotix-Academy project lies in the wide range of research activities and expertise of its 5 academic partners: ZeMA, University of Liège, University of Luxembourg, Université de Lorraine and Umwelt Campus Birkenfeld. The network organizes summer schools, scientific conferences and joint training activities, which stimulate cross-border synergies as well as the pooling of resources, skills and research results. A network of master and doctoral students from the Greater Region and elsewhere is weaving little by little.



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