



UNIVERSITÀ
DEL SALENTO



Kyutech
Kyushu Institute of Technology

The University of Salento in collaboration with the Kyushu Institute of Technology presents:

International Workshop on Innovative Robotics



The aim of the Workshop is to explore some of the most recent contributions in various fields of robotics and automation, by researchers from Italian, Japanese and Chilean universities. Topics focus on field robotics, smart agriculture and people rehabilitation. The event is held in virtual form.

Program

- 9:00 (CEST) **Opening and welcome**
 - **Prof. E. Hayashi**, Director of Kyushu Institute of Technology Center for Socio-Robotic Synthesis
- 9:15 **Prof. G. Reina**, "Field robotics: towards deployment in highly challenging environments"
- 9:35 **Prof. Y. Kaori**, "Social Cloud Robotics for Dementia Therapy"
- 9:55 **Eng. S. Strazzella**, "A smart solar-powered fertigation system"
- 10:15 **Prof. R. Verschae**, "Smart Agriculture and Robot Vision programs at Universidad de O'Higgins"
- 10:35 **Dr. E. di Maria**, "Rolling resistance and ruts formation analysis for a grape transporting robot"
- 10:55 **A. Grazioso**, "Multibody Modeling of a New Wheel/Track Reconfigurable Locomotion System for a Small Size Farming Vehicle"
- 11:30 **Dr. T. Fujinaga**, "Tomato-Fruit Harvesting Robot"
- 11:50 **Prof. A. Lay-Ekuakille**, "A robotic bed for neuro-physio-rehabilitation"
- 12:10 **Conclusion and closing remarks**

Zoom link:

<https://us02web.zoom.us/j/89812399833?pwd=ZnMrYWFPK1VJV2h2ZnI5RGdvV2NoQT09>

Meeting ID: 898 1239 9833

Password: 12345