



# IEEE CINTI 2021

Special Session on

**AI & ROBOTICS in  
AGRICULTURE**

**Budapest, Hungary**

**Nov 18-20, 2021**

<http://conf.uni-obuda.hu/cinti2021/>

Full paper submission: **Aug 31, 2021**  
Notification deadline: **Sept 15, 2021**  
Final paper submission: **Sept 20, 2021**

### CINTI 2021 Special Session Chairs

*Tamás Haidegger*, Óbuda University, Budapest, Hungary

*Alex Mason*, Norwegian University of Life Sciences, Ås, Norway

### CINTI 2021 Founding Honorary Chair

*Imre J. Rudas*, Óbuda University, Budapest, Hungary

### CINTI 2021 General Chairs

*Levente Kovács*, Óbuda University, IEEE Hungary Section chair

More staff: <http://conf.uni-obuda.hu/cinti2021/committees.html>

### Organizers:

*Óbuda University*  
*IEEE Hungary Section*  
*Hungarian Fuzzy Association*

### Sponsored by:

*IEEE Hungary Section*  
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### Introduction

Application of different machines in the agriculture sector has always been fundamental. The spread of robotics in the food-industry became necessary to keep up with the challenges and demands of the 21<sup>st</sup> century. The goal of this session is to present the latest trends and developments related to food and agricultural robotics, and to define the roadmap for future enhancements to these fields.

More about the RoBUTCHER project: <https://robotcher.eu/>

### Special Session Indicative Topics/Areas

Original research articles and reviews are sought in the overall topical area of food and agricultural robotics, including but not limited to:

- Robotics in precision farming
- Smart agriculture with automation
- Mechatronics for harvesting
- Drones for agriculture
- Meat sector automation solutions
- Poultry production and automation
- Robotics for food processing
- Smart logistics, scheduling and planning
- Human-robot collaboration
- Safe human-robot interaction

### Submissions

All submissions should comply with the formatting requirements of IEEE (4-6 pages):

[www.ieee.org/conferences/publishing/templates.html](http://www.ieee.org/conferences/publishing/templates.html)

All papers go through the complete peer review procedure. Submission is possible via the website: <http://conf.uni-obuda.hu/cinti2021/paper.html>

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