



Advances in Robotics and Mechatronics for Agriculture

Guest Editors:

Dr. Yunchao Tang

Prof. Dr. Chengliang Liu

Prof. Dr. Xiangjun Zou

Dr. Lufeng Luo

Message from the Guest Editors

The main aims of this focused section in *Applied Sciences* are to present the current state of the art in Robotics and Mechatronics for Precision Agriculture and to illustrate new results in several emerging research areas. Submissions can present theoretical and experimental aspects in these areas. The topics of interest within the scope of this focused section include but are not limited to:

Deadline for manuscript
submissions:

closed (20 December 2022)

- Advanced autonomy for unmanned mechatronics systems;
- Advanced machines or robotics for precision agriculture;
- Advanced approaches for high-throughput phenotyping and remote sensing;
- Advancement of cooperative mechatronics systems for precision agriculture;
- Soft-grasping/soft-robotics manipulators;
- Fruit/vegetable detection and localization for automatic harvesting robots;
- Crop yield estimation.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (Fluid Flow and Transfer Processes)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
appls@mdpi.com
[X@Appls](https://twitter.com/appls)