

## Special Issue

# 'Eyes', 'Brain', 'Feet' and 'Hands' of Efficient Harvesting Machinery

### Message from the Guest Editors

This Special Issue focuses on precise identification and positioning systems (“eyes”), sensitive decision-making and control systems (“brain”), highly adaptable chassis and mobile platforms (“feet”), efficient end-effectors and harvesting components (“hands”), etc., that are related to efficient harvesting machinery. Outstanding articles will be selected to showcase the latest ideas and to provide key technological references for research on efficient harvesting machinery. Potential topics include but are not limited to the following: Crop–soil–machine systems;

Mechanics and dynamics of harvesting machinery;

Chassis of harvesting machinery;

Efficient harvesting components;

Field environment sensing and recognition;

Navigation and positioning systems of harvesting machinery;

Multi-source information fusion, analysis, and decision making in harvesting operations;

Cooperative harvesting operations of multiple machines in the field;

Unmanned harvesters.

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### Guest Editors

Dr. Cheng Shen

Prof. Dr. Zhong Tang

Prof. Dr. Maohua Xiao

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### Deadline for manuscript submissions

closed (25 March 2023)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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