



2020 IEEE INTERNATIONAL WORKSHOP ON

METROLOGY FOR AGRICULTURE AND FORESTRY



04-06 NOVEMBER 2020

CALL *for* PAPERS

for the Special Session on

PRECISION HORTICULTURE



ABSTRACT

The scope of the session captures the latest methodological developments and applications in precision horticultural engineering. Studies concerning advanced plant monitoring and management technologies to fine-tune crop production practices are welcome. Specific focus is given to technologies for site-specific weather and crop monitoring, controlling light use, irrigation, nutrients, crop protection and crop load management. Papers that integrate sensor technologies with emerging network connectivity solutions for plant stress monitoring, harvest management, and storage optimization in postharvest will also be considered.

TOPICS

- We welcome contributions that covers the following topics:
- Plant sensors both in open and protected environments, network connectivity and cloud computing
 - Optimal integration of data and models for decision support systems
 - Production forecasts and measurements
 - Pilot lots of precision horticulture
 - Optimising light, water, nutrients and pesticide use efficiency by means of plant data
 - IoT considering phenotyping aimed at optimized production measures

ORGANIZERS



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MORE INFORMATION

SPECIAL SESSION #2

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