



2019 IEEE INTERNATIONAL WORKSHOP ON

METROLOGY FOR AGRICULTURE AND FORESTRY



 24-26 OCTOBER 2019

 **PORTICI – ITALY**
University of Naples Federico II
Department of Agricultural Sciences

CALL *for* PAPERS



For the special session on:

PRECISION HORTICULTURE - APPLICATION OF PLANT SENSORS IN THE PRODUCTION PROCESS OF FRUIT AND VEGETABLES

ABSTRACT

The session is focused on the latest technological developments and applications for precision horticulture. Studies concerning advanced monitoring and control technologies to fine-tune crop production practices are welcome. Specific focus is given to technological applications for controlling environmental conditions, lighting, irrigation and nutrition as well as crop development. Selected papers will be proposed for a Special Issue on Sensors.

MORE INFORMATION



www.metroagrifor.org



info@metroagrifor.org



ORGANIZERS



Manuela Zude-Sasse

*Leibniz Institute for
Agricultural Engineering and
Bioeconomy (ATB), Germany*



mzude@atb-potsdam.de

TOPIC

We welcome contributions that covers the following topics:

- Plant sensors both in open and protected environments
- Optimal integration of data and models for decision support systems
- Production forecasts and measurements
- Pilot lots of precision horticulture
- Optimising water use efficiency by means of plant data
- Spatially resolved plant and soil data in open-field production
- IoT considering plant data aimed at optimised production measures



Lav Ramchandra Khot

*Washington State University,
USA*



lav.khot@wsu.edu



Stefania De Pascale

*University of Naples
Federico II, Italy*



s.depascale@icloud.com