



1st Workshop on

# METROLOGY FOR AGRICULTURE AND FORESTRY

Ancona, Italy | 1-2 October, 2018



## CALL for PAPERS

### Chairman

Enrico Primo Tomasini, *UNIVPM*, Italy

### Honorary Chair

Marco Marchetti, *AISSA*, Italy

### Co-chairs

Nunzio Isidoro, *UNIVPM*, Italy

Carlo Urbinati, *UNIVPM*, Italy

Pasquale Daponte, *UNISANNIO*, Italy

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Gerardo Caja, *UAB*, Spain

Massimo Faccoli, *UNIPD*, Italy

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Simone Priori, *CREA-AA*, Italy

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Andrea Pitacco, *UNIPD*, Italy

Andrea Petroselli, *UNITUS*, Italy

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Amauri Rosenthal, *EMBRAPA*, Brazil

Oliver K. Shluter, *ATB*, Germany

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Raffaele Casa, *UNITUS*, Italy

Marco Trevisan, *UNICATT*, Italy

Rita Acquistucci, *CREA-AN*, Italy

### Local Committee

Deborah Pacetti, *UNIVPM*, Italy

Rachele Napolitano, *UNIVPM*, Italy

Paolo Castellini, *UNIVPM*, Italy

Paolo Chiariotti, *UNIVPM*, Italy

### Organising Secretariat

Janet L. Dubbini

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[www.metroagrifor.org](http://www.metroagrifor.org)

MetroAgriFor intends to create an active and stimulating forum where academics, researchers and industry experts in the field of measurement and data processing techniques for Agriculture, Forestry and Food can meet and share new advances and research results.

Attention is paid, but not limited to, new technologies for agriculture and forestry environment monitoring, food quality monitoring, metrology-assisted production in agriculture, forestry and food industries, sensors and associated signal conditioning for agriculture and forestry, calibration methods for electronic test and measurement for environmental and food applications.

### WORKSHOP TOPICS

Thematic areas :

- A. Metrology, quality assurance and standardisation
- B. Sensors and measurement techniques
- C. Data analysis
- D. Applications

The main topics include, but are not limited to:

1. Sensor networking and integration
2. Approaches and tools for measuring Food Quality
3. Soil analysis, mapping and monitoring
4. Crop analysis, mapping and monitoring
5. Precision agriculture, forestry and livestock farming
6. Measurements for agriculture, forestry and environment
7. Agrometeorological measurements

### IMPORTANT DEADLINES

31 May, 2018 – **Abstract Submission**

30 June, 2018 – **Abstract Acceptance Notification**

30 July, 2018 – **Extended Abstract Submission**

The Workshop proceeding will be published by IOP Conference Series: Earth and Environmental Science and indexed in the leading databases of scientific & engineering literature, including Inspec and Scitation. Full paper submission will be after the Workshop Outstanding papers will be invited to be extended and considered for publication in special issues of renowned journals.

### PAPER SUBMISSION

Papers are sought on every aspect of measurement and data processing techniques for Agriculture, Forestry and Food. The list above is given as guidance.

### AWARDS

The best presentations at the Workshop will be awarded.

### SHORT COURSE

A Short Course on Measurement and Uncertainty will be held on the days of the Workshop to provide the basics of measurement, calibration and uncertainty evaluation. The Short Course will cover key aspects, including issues in calibration, calibration standards, the choice of a measurement instrument, measurement in field condition, uncertainty evaluation, digital signal processing etc.

See [www.metroagrifor.org](http://www.metroagrifor.org) for further details and information.

### LANGUAGE

The official language of the Workshop is English.



The Workshop will be held at the premises of the Faculty of Engineering of Università Politecnica delle Marche.

The Full address is:  
Faculty of Engineering  
Via Breccie Bianche  
60131, Ancona, Italy

