2020 IEEE INTERNATIONAL WORKSHOP ON

METROLOGY FOR AGRICULTURE AND FORESTRY

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CALL *for* PAPERS
for the Special Session on:

INNOVATIVE DATA ANALYSIS SOLUTIONS IN THE AGRI-FOOD SECTOR

ABSTRACT

Statistics is essentially a branch of mathematics applied to analysis of data. The importance of proper application of statistics in agri-food research cannot be ignored. Use of the correct statistical tools is essential since the researcher needs to extract as much information as possible from sensors or experimental results. Statistical methods are important aids to detect trends, explore relationships and draw conclusions. Extracting information from the raw data generated by the sensors is a complicated task, especially when the amount of data is very large (big data).

With a specific focus on the agri-food sector, the aim of this special session is to capture contributions on the application of innovative statistical approaches to elaborate data generated by sensors.

TOPICS

- Machine learning in agri-food sector;
- Innovative multivariate statistical approaches;
- Analysis of data generated by in field sensors;
- Data analysis to monitor product shel-life, frauds, or quality parameters of agri-food products.

ORGANIZER

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MORE INFORMATION

SPECIAL SESSION #6
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