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

CALL *for* PAPERS

For the special session on:

INTEGRATED IOT DATA ANALYSIS AND MATHEMATICAL MODELING FOR AGRO-FORESTRY SYSTEMS

ABSTRACT

The analysis of complex systems, influenced by several factors and system behaviors, is a hard challenge. Nowadays, the concept of "things" as mixture of devices, services, data, model and software tools has definitively changed the way to investigate these complex systems.

The integrated technologies for data, sensors, models and tools is starting to be a consolidated strategy in some specific areas, such as agriculture and forestry.

Specifically, data-driven modeling is a scientific framework in which methods, systems and processes are integrated to infer useful knowledge from available data.

TOPICS

Problems of interest include but not limited to both methodologies and applications:

- Integrated data and model system;
- IoT for agro-forestry systems;
- New sensor for agriculture;
- Mathematical and computational aspects for integration data and model;
- Data Mining techniques for IoT data analysis;
- Data Science approaches in agro-forestry systems;
- IoT framework and architecture for agro-forestry systems.

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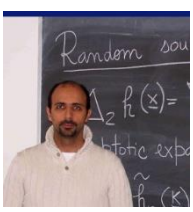

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