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ALIMENTARI, AMBIENTALI E FORESTALI



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CONVERSATIONS ON DIGITAL AGRICULTURE

A cycle of seminars from Prof. Claudio Stockle of the Washington State University, visiting professor at DAGRI, University of Florence

**Aula Magna
School of Agriculture of
the University of Florence,
P.le delle Cascine 18, Firenze, Italy**

Registration is requested. Scan the QR code or visit <https://bit.ly/3U2PJn1>
Online participation is also allowed.
Info roberto.ferrise@unifi.it

In these two seminars, Prof. Stockle will share some thoughts about opportunities and challenges of digital agriculture.

22 Sept 2022 - 3PM (CET)

Digital agriculture: What is the promise?

The pressing need to increase the world agricultural output to feed a growing population demanding an abundant and nutritious food supply is a great challenge. Today, digital agriculture is touted as a key contributor to solving this conundrum. This is not new, with agriculture experiencing significant technological transformations in the past to meet similar challenges.

26 Sept 2022 - 3PM (CET)

**Modeling and Data Integration for
Operational Applications in Agriculture**

There is an expectation that technological developments in remote sensing, new or improved sensors, Internet of Things, robotics, cloud computing, models and algorithms, artificial intelligence, and several others, which are finding application in many aspects of human activities, could also foster applications in agriculture launching a new paradigm to produce food and fiber. This endeavor is not short of significant challenges due to inherent difficulties associated with the complexity of agricultural systems, the traditional reluctance for adoption of new technologies in this sector, and the complexity of solutions being considered requiring simple and transparent translation to decision makers.

