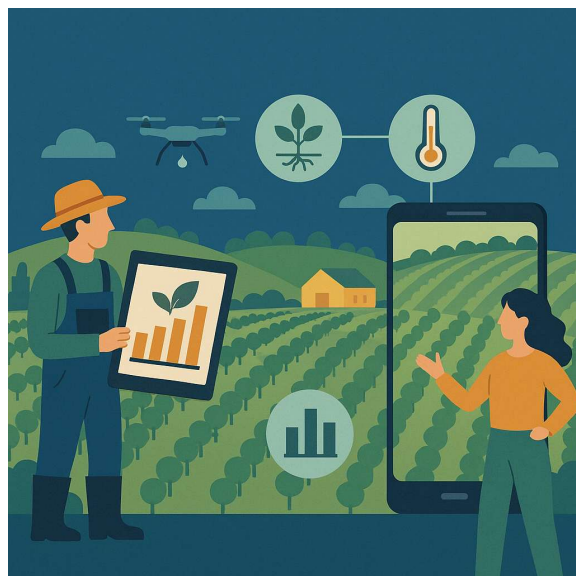


Dottorato di ricerca in
Sistemi Agricolo-Forestali Avanzati e Sostenibili - SAFAS

Seminario

Digitalization for agriculture: Introduction criteria, needs and perspectives



16 Giugno 2025 - Orario 14:30 – 17:30

On-line piattaforma Gmeet

Link: meet.google.com/eqe-qtrk-fen or scan QRcode

- **14:30 – 15:00 Prof. Manuel Pérez-Ruiz. Universidad de Sevilla:** Digital transformation in Viticulture: VTSKILLS project
- **15:00 – 15:30 Alessia Nizzoli (PhD student). Universidad de Sevilla:** AI-Driven approach for precision intra-row weed control in orchard.
- **15:00 – 15:30 Luis Sánchez (PdD student). Universidad de Sevilla:** Comparative analysis of crop water stress index (CWSI) obtained in wheat from a ground-based platform and UAV-based thermography.
 - **Question time**
- **15:30 – 16:00 Dott. Andrea Pagliai, Research Fellow.** Aerial robot for spraying application: a technical overview in open-field cultivation.
- **16:00 – 16:30 Celine Russo (PdD student).** UAV sprayer: issues and potentials for crop protection in heroic viticulture
- **16:00 – 17:30 Prof. Daniele Sarri.** Variable rate spraying for the sustainable precision viticulture
 - **Question time**