

2nd DAY of the INTERNATIONAL CONFERENCE

**SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE:
30 YEARS AFTER THE HC DEGREE IN AGRICULTURAL SCIENCES
TO LESTER RUSSELL BROWN**

October 20, 2022

Aula Magna, Department of Agriculture, Food and Environment, University of Pisa
Via del Borghetto 80, Pisa, Italy – www.agr.unipi.it – info: disaaa@agr.unipi.it

The young scientists of the Department of Agriculture, Food and Environment of the University of Pisa present their research on environmental sustainability, green and digital transition, and European Green Deal. The event is open and free. Reports will be published after peer review in an indexed international journal.

The event will be also broadcasted live on Microsoft Teams: [LINK](#)

Programme

- 9.00 | Lorenzo Cotrozzi: Opening and greetings.
- 9.10 | Giovanni Benelli (*Event Chairperson*): Introduction to the *Lester Russell Brown* Conference.
- 9.15 | Daniele Antichi, Silvia Tavarini: *Cropping system diversification for climate change adaptation and mitigation.*
- 9.45 | Sabrina Arcuri: *The Long-term vision for rural areas: contributions from H2020 SHERPA and H2020 DESIRA projects.*
- 10.00 | Martina Puccinelli: *Plant Factory with artificial light: pros and cons.*
- 10.15 | Alberto Vangelisti: *Genes induced by arbuscular symbiosis allow to overcome phosphorus deficiency in soilless grown lettuce plants.*
- 10.30 | Lorenzo Gagliardi: *Small autonomous machines for sustainable soil management in vegetable crops and orchards.*
- 10.45 | *Coffee break*
- 11.15 | Renato Ricciardi: *Pheromone mating disruption: a modern sustainable approach for vine pests.*
- 11.30 | Claudia Pisuttu: *A sustainable approach to counteract the invasiveness of Ailanthus altissima: biocontrol with Verticillium dahliae.*
- 11.45 | Marco Santin: *The chemical side of sustainability: the contribution of the agricultural chemistry team of DAFE for a greener future.*
- 12.00 | Gergely Ujvári: *Soil microbiota as drivers of sustainable crop production.*
- 12.15 | Giulia Foggi: *Dietary strategies aiming to reduce the environmental impact of ruminants.*
- 12.30 | Ermes Lo Piccolo: *Ancient apple cultivars from Casentino (Italy): rediscovering a reservoir of healthy compounds.*
- 12.45 | Marco Landi: Conclusive remarks.
- 13.00 | *Light lunch*

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