



PhD SDC
SUSTAINABLE DEVELOPMENT
AND CLIMATE CHANGE



PhD SDC
**AGRICULTURE
AND FORESTRY**

PhD-SDC CU5 International Workshop
Challenges for agriculture and forestry in the era of climate change

Online event, 28-29 April 2025

Click [here](#) to join the workshop!

Scientific and organizing committee:

Mario Martina (IUSS Pavia), Cristina Nali, Lorenzo Cotrozzi and Samuele Risoli (University of Pisa)

Programme

Day 1 | 28 April (Chair: Lorenzo Cotrozzi, University of Pisa)

- 8.30-9.00** Welcome and introduction: **Mario Martina, PhD-SDC Coordinator**
- 9.00-12.00** Invited speakers' session
- **Marcello Mele (University of Pisa)**
Sustainable livestock production in a changing climate
 - **Gianluca Brunori (University of Pisa)**
The twin transition: Digital and ecological transformation in a turbulent world
 - **Alan Crivellaro (University of Turin)**
From cells to ecosystems: New perspectives in wood biology
 - **Giacomo Lorenzini (University of Pisa)**
Climate Change and food production
 - **Evgenios Agathokleous (Nanjing University of Information Science and Technology)**
Plant conservation for protecting biodiversity and ecosystem health against ozone pollution
- 12.00-12.30** Discussion and final remarks
- 12.30-14.30** Break
- 14.30-16.30** CU5 PhD-SDC graduates from 37th cycle present their PhD works
- **Chiara Ceseracchi (University of Sassari)**
Towards adaptive governance of Mediterranean agricultural systems: Integrated approaches to enhance response capacities to water and land degradation challenges
 - **Samuele Risoli (University of Pisa)**
Biocontrol of Fusarium head blight in wheat: Using hyperspectral data and metabolomics for a sustainable management
 - **Elena Secomandi (Catholic University of the Sacred Heart)**
Metabolic, phenotypic and rhizosphere effects of waterlogging combined with heat, cold and salinity stresses in Arabidopsis thaliana (L.)
 - **Wilfredo Barrera (University of Florence)**
Beyond the finish line: Reflections on my PhD-SDC experience
- 16.30-18.30** PhD-SDC Students from 40th cycle present their research project

Day 2 | 29 April (Chair: Samuele Risoli, University of Pisa)

- 8.30-10.00** PhD-SDC Students from 39th cycle present their research progress
- 10.00-12.00** PhD-SDC Students from 38th cycle present their research progress
- 12.00-12.30** Final remarks

[Click here to register](#)

