

YOUNG LCA RESEARCHERS FOR A SUSTAINABLE AGRIFOOD SYSTEM

Department of Veterinary Sciences, University of Pisa
Room E, Viale delle Piagge 2, 56124, Pisa (PI)

June 13th, 2024

9:30 - 9:45 Institutional greetings

09:45 - 10:00 Delving the environmental impact of rice cultivation considering different mitigation solutions - Luca Ferraro, University of Milan

10:00 - 10:15 Towards sustainable avocado production: LCA of avocado farming in Valencia - Andrea Calleja Solera, Polytechnic University of Valencia

10:15 - 10:30 Life Cycle Assessment of maize cultivation considering different irrigation systems. Preliminary results of the smartWUE project - Filippo Vigo, University of Milan

10:30 - 10:45 Comparing the environmental impacts of agroecological and conventional wheat production in Italy - Javier Rocher, Polytechnic University of Valencia

10:45 - 11:00 How the application of smart apps can reduce the environmental impact of grape cultivation. First years of results from the SmartDEFENSE project - Francesco Giacomelli, University of Milan

11:00 - 11:15 Coffee break

11:15 - 11:30 Assessing the biodiversity footprint of the soybean supply chains between Brazil and the European Union - Nelson K. Siniterra-Solís, Polytechnic University of Valencia

11:30 - 11:45 Improving Rainbow Trout (*Oncorhynchus mykiss*) environmental footprint through insect meal use in aquafeed - Michele Zoli, University of Milan

11:45 - 12:00 Environmental impacts of protein extraction from *Alphitobius diaperinus* - Alejandro Corona Mariscal, Polytechnic University of Valencia

12:15 - 12:30 Impact assessment of *Hermetia illucens* products and by-products valorisation - Lorenzo Rossi, University of Milan

12:30 - 12:45 Environmental impact of dairy sheep sector in Tuscany - Irene Sodi, University of Pisa

12:45 - 13:00 Conclusions

Scientific Committee

Neus Sanjuán, Gabriela Clemente Polo, Carlo Bibbiani, Irene Sodi, Lorenzo Rossi, Michele Zoli

Organizing Committee

Federica Salari, Baldassare Fronte, Jacopo Bacenetti, Sara Minieri, Simone Mancini, Sergio Saia, Irene Sodi, Lorenzo Rossi, Michele Zoli