

Nourishing the Planet

The Future of food in a climate-changing world

International Workshop

20th November 2024

Department of Agriculture, Food and Environment, University of Pisa

Aula Magna, Via del Borghetto, 80, Pisa

8:30-9:00 Registration

9:00-9:10 Welcome address

Prof. Cristina Nali, Director of the Department of Agriculture Food and Environment, University of Pisa

SESSION I: Food systems and current challenges

Chair session: *Gianluca Brunori*

9:10-9:15 Introduction - *Gianluca Brunori (University of Pisa)*

9:15-9:30 Talk 1: *Giampiero Mazzocchi (CREA, Rome)* - The elephant in the room: revaluing the role of agriculture in food system approaches

9:30-9:45 Talk 2: *Roberta Sonnino (University of Surrey, UK)* - What's in a Name? Food Policy Networks and the Everyday Governance of Food System Transformation

9:45-10:00 Talk 3: *Martin Caraher (University City of London)* - The Financialisation of Food Systems: Barriers to attaining sustainable diets

10:00-10:15 Talk 4: *Karl Benjamin Kraehmer (University of Torino)* - A multiscale degrowth perspective on food system transformations and their socio-ecological transformation

10:15-10:40 Discussion and Questions

10:40-11:00 Coffee Break

SESSION II: Agroecology as a sustainable climate solution: the role of ecological actors

Chair session: *Daniele Antichi*

11:00-11:05 Introduction: *Daniele Antichi (University of Pisa)*

11:05-11:20 Talk 5: *Giacomo Bazzani (University of Florence)* - Climate solidarity: low carbon behaviour

11:20-11:35 Talk 6: *Alberto Mantino (University of Pisa)* - Livestock as an essential part of agroecosystem

11:35-11:50 Talk 7: *Guido Lingua (University of Eastern Piedmont)* - Microbial biostimulants for the sustainability of agroecosystems

11:50-12:05 Talk 8: *Giacomo Lorenzini (University of Pisa)* - Climate change and food production

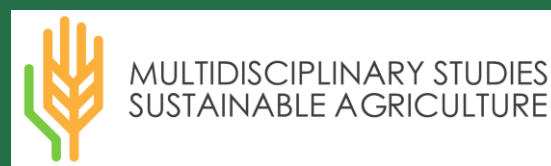
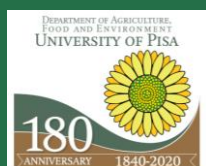
12:05-12:30 Discussion and Questions

12:30-14:00 Lunch

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ELEVATOR PITCH SESSION Chair session: *Andrea Serra*

14:00 – 15:00 PhD Projects presentations

Fabrizio Giuseppe Cella

Pierina Díaz Guerrero

Leonardo Ercolini

Giulia Gallo

Simone Nesi

Luciano Pagano

Irene Pagliarani

Lorenzo Pippi

Irene Ventura

15:00 – 15:10 Questions and Answers Session

SESSION III: The application of technology in cropping systems

Chair session: *Nicola Silvestri, Giovanni Caruso, Alberto Pardossi*

15:10-15:15 Introduction: Nicola Silvestri and Giovanni Caruso (*University of Pisa*)

15:15-15:35 Talk 9: *Stefano Giordano (University of Pisa)* - The role of telecommunications in agricultural systems

15:35-15:55 Talk 10: *Manlio Bacco (JRC)* - The data market: significance for agriculture in the EU. Where is it going, challenges, and limitations

15:55-16:10 Case Study 1 *Gianmarco Bortolotti (University of Bologna)* - A computer vision approach for estimating fruit growth rates in orchards

16:10-16:15 Topic Launch : *Alberto Pardossi (University of Pisa)*

16:15-16:30 Case Study 2: *Carlo Nicoletto (University of Padova)* - Aquaponic systems for the future

16:30-16:45 Case Study 3: *Giuseppina Pennisi (University of Bologna)* - Vertical Farms: an innovative and sustainable technology

16:45-17:15 Discussion and Conclusions

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