

Resilient agricultural systems for climate change adaptation

Agripolis Campus
Viale dell'Università 16, Legnaro (PD)
7-11 July 2025

7 July – Innovative genetic technologies for breeding new resilient crop varieties

(Chair: Prof. Alessandro Vannozzi & Prof. Gianni Barcaccia)

9.00 – 10.30 Innovative genetic technologies for fruit tree species breeding (Prof. Sara Zenoni – University of Verona)

10.30 – 11.00 Coffee break

11.00 – 12.30 Innovative genetic technologies for vegetables breeding (Prof. Andrea Moglia – University of Torino)

12.30 – 14.00 Lunch

14.00 – 15.30 Enhancing grapevine breeding for climate-resilient viticulture: leveraging genetic resources and predictive genomics (Prof. Emanuele De Paoli – University of Udine)

15.30 – 17.00 Beyond editing: harnessing CRISPR-Cas for next-generation crop breeding (Prof. Alessandro Vannozzi)

8 July – Living Labs: a new approach for climate smart agriculture practices transfers to farmers

(Chair: Prof. Vittoria Giannini & Prof. Elisabetta Novello)

9.00 – 10.30 How to build long-lasting agricultural living labs – Part 1 (Prof. Teresa Pinto – University of Evora, Portugal)

10.30 – 11.00 Coffee break

11.00 – 12.30 How to build long-lasting agricultural living labs – Part 2 (Prof. Teresa Pinto – University of Evora, Portugal)

12.30 – 14.00 Lunch

14.00 – 19.00 Visit of Living Labs (“Podere Fiorentina” and “La Fagiana”)

9 July – Innovative and resilient management practices for water saving in the agricultural sector

(Chair: Prof. Carmelo Maucieri & Prof. Carlo Nicoletto)

9.00 – 10.30 The role of precision agriculture management in a changing climate (Prof. Davide Cammarano – Aarhus University)

10.30 – 11.00 Coffee break

11.00 – 12.30 Data-driven estimation of evapotranspiration for enhanced irrigation management
(Dr. Offer Rozenstein, Agricultural Research Organization – Volcani Institute, Israel)

12.30 – 14.00 Lunch

14.00 – 15.30 Techniques and technologies for water saving in soilless culture (Prof. Silvana Nicola – University of Turin)

15.30 – 17.00 Visit of innovative irrigation systems located in the experimental farm “L. Toniolo”.

10 July – *Agriculture ecosystem services and agroecological practices in a context of climate change*

(Chair: Prof. Vittoria Giannini & Prof. Alberto Pozzebon)

9.00 – 10.30 Agriculture ecosystem services (Prof. Elisa Marraccini – University of Udine)

10.30 – 11.00 Coffee break

11.00 – 12.30 Agroecological practices in a context of climate change (Prof. Camilla Moonen – Sant’Anna School of Advanced Study)

12.30 – 14.00 Lunch

14.00 – 19.00 Visit of intercropping on-farm experimentations and team work in open field conditions (Prof. Alberto Pozzebon, Prof. Vittoria Giannini, Dr. Davide Scaccini)

11 July – *Genetic and qualitative aspects of crops adaptation to climate change*

(Prof. Matteo Marangon)

9.00 – 10.30 Quality of red PIWI wines (Prof. Angelita Gambuti – University of Naples)

10.30 – 11.00 Coffee break

11.00 – 12.30 Oenological and sustainability potential of wines produced from disease resistant grape cultivars (PIWI wines) (Prof. Emanuele Boselli – University of Bozen)

12.30 – 14.00 Lunch

14.00 – 15.30 PIWI wines testing (Prof. Matteo Marangon – University of Padua)

15.30 – 16.30 Final remarks and awarding of attendance certificate

	1 JULY	2 JULY	3 JULY	4 JULY	5 JULY
8:30-9:00	Registration				
9:00-9:30	Welcome Address	Group 1: Sampling to Analysis (Field) Group 2: Zoology Museum visit	Visit to lab facilities (aquaria, necropsy room)	Seminar 4 Jaelle Brealey <i>Norwegian Institute for Nature Research (NINA)</i>	Seminar 5 Jillian Petersen <i>University of Vienna</i>
9:30-10:00	Students introductions			Coffee Break	Coffee Break
10:00-10:30	Seminar 1 Ulisse Cardini <i>Genoa Marine Center - Stazione Zoologica Anton Dohrn</i>			Microbiome analysis data - Practical I	Students group activity for Feedback Presentations
10:30-11:00					
11:00-11:30					
11:30-12:00	Seminar 2 Matteo Monti <i>King Abdullah University of Science and Technology, Jeddah (KAUST)</i>				Student feedback presentations and Round Table Discussion
12:00-12:30					
12:30-13:00	Lunch	Lunch	Lunch	Lunch	
13:00-13:30					
13:30-14:00					
14:00-14:30	Poster Flash Talks	Group 2: Sampling to Analysis (Field) Group 1: Zoology Museum visit	DNA extraction, quality/quantity evaluation	Microbiome analysis data - Practical II	Departure
14:30-15:00					
15:00-15:30					
15:30-16:00					
16:00-16:30					
16:30-17:00	Seminar 3 (Keynote lecture)	Discussion			
17:00-17:30					
17:30-18:00	Aperitivo				
18:00-18:30				Free time	
18:30-19:00					
19:00-19:30				Closing Dinner	