

French Priority Research Programme 'Growing and Protecting crops Differently' - 2025 International scientific workshop (#IW25)

Special edition for PhD students and new scientific talents

Programme:

September 30, 2025 - online

Morning sessions



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9.30: Welcome and introduction – Laure LATRUFFE (INRAE, Scientific Director of the French Priority Research Programme 'Growing and Protecting crops Differently')

Social sciences for sustainable crop protection

9.40: Innovation ecosystems and learning processes in the seed and biosolutions sectors under EU regulatory constraints – Youssef SAADE (INRAE)

10.00: How contracting in the value chain can reduce farmer's exposure to the risks associated with crop diversification? A case study approach in France – Auguste BREAVOINE (INRAE)

10.20: Social interactions and knowledge diffusions in the context of pesticide reduction – Rose DEPERROIS (INRAE)

10.40: *Coffee break*

Farm and territorial strategies for sustainable crop protection

10.50: Characterising treatment decision-making processes to co-design territorial viticultural strategies with reduced fungicide use – Emma CROUZET (INRAE)

11.10: Exploring socio-technical mediation approaches in participatory design to advance the agroecological transition – Aliénor MORVAN (ENSCI)

11.30: Understanding farmers' selection practices of bread wheat in France and Belgium, and evaluating on-farm the sensitivity of local varieties to stresses in cropping environments – Michel TURBET-DELOF (Cirad)

11.50: What performance for agroecological farms in arable cropping systems? – Elise YGAUNIN (INRAE)

12.10: *Lunch break*

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Afternoon sessions

Agroecological approaches for sustainable crop protection

13.30: Study of combinations of agroecological levers to control pests in vegetable cropping systems – Célia HEROGUEZ (INRAE)

13.50: Combining diversified prairies with wheat to promote beneficial plant-soil ecological interactions and the coupling of carbon and nitrogen biogeochemical cycles in agroecosystems – Thomas BECU (INRAE)

14.10: Biocontrol of grapevine downy mildew using a synthetic microbial community (SynCom) approach – Aarti JASWA (INRAE)

14.30: Coffee break

Biological and genetic innovations for sustainable crop protection

14h40: Exploitation of lipid nanocapsules for seed treatment formulations as alternatives to synthetic pesticides – Antonin ROYER (INRAE)

15.00: Towards pesticide-free viticulture: grapevine and vineyard soil microbiome analysis to foster microbial biocontrol strategies against downy mildew – Paola FOURNIER (INRAE)

15.20: Conclusion and thanks – Laure LATRUFFE (INRAE, Scientific Director of the French Priority Research Programme 'Growing and Protecting crops Differently')

15.30: Closing

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