

# Program

## Sixth meeting of the international PLANTCOM network

### November 6<sup>th</sup>-7<sup>th</sup> 2025



**Venue:** Salle de conférence, [Centre INRAE Dijon](#), 17 rue de Sully, 21000 Dijon



Tram (line T1) from Dijon train station ('DIJON gare') to INRAE ('CHU – Hôpitaux') ~ 15 min

**Thursday, November 6<sup>th</sup>, 2025**

**12:30 – 13:30:** Lunch at Dijon INRAE center (funded by PLANTCOM Network).

**14:00 – 14:20:** Introduction and updates from PLANTCOM coordinators.

**14:20 – 15:05:** *Peter Bourke.* Breeding for diversified cropping systems.

**15:05 – 15:25:** *Delphine Moreau.* Can weed-regulating service plants also regulate other pests?

**15:25 – 15:45:** *Chiara Santamarina.* Agroecological genomics and participatory science: optimizing crop mixtures for agricultural diversification.

**15:45 – 16:15: BREAK**

**16:15 – 16:50:** *Judith Burstin.* Pea Breeding strategies for the agroecological and food transitions.

**16:50 – 17:20:** *Jemay Salomon & Maxence Remerand.* Quantitative genetics of plant social interactions: case studies in varietal and crop mixture.

**17:20 – 17:40:** *Noa Vazeux-blumenthal.* Phenotypic and genetic bases of maize-bean interactions.

**17:40 – 18:10: 4PMI-platform visit**

**20:00:** Dinner at [Café Gourmand](#) restaurant in Dijon down town. 9 place de la libération, 21000 Dijon (funded by PLANTCOM Network).

**Friday, November 7<sup>th</sup>, 2025**

**9:00 – 9:45:** *Yasuhiro Sato.* Ecological genetics of intraspecific plant-plant interactions: From associational resistance to overyielding in *Arabidopsis thaliana*.

**9:45 – 10:05:** *Gaetan Louarn.* Early within-population selection determines the long-term performance of alfalfa plants in pure and mixed dense stands.

**10:05 – 10:25:** *Nicolas Salas.* When durum wheat grows together with alfalfa: The genetic dialogue of neighboring plants.

**10:25 – 11:00: BREAK**

**11:00 – 11:20:** *Virgilio Freitas.* Dynamics of reaction norms of bread wheat intercropped with pea.

**11:20 – 11:40:** *Laura Mathieu. Genetics underlying neighbor cues that reduce wheat susceptibility to leaf rust.*

**11:40 – 12:00:** *Jeanne Rocher. Cultural Association and Plant Responses: From the Ecological to the Metabolomic Scale.*

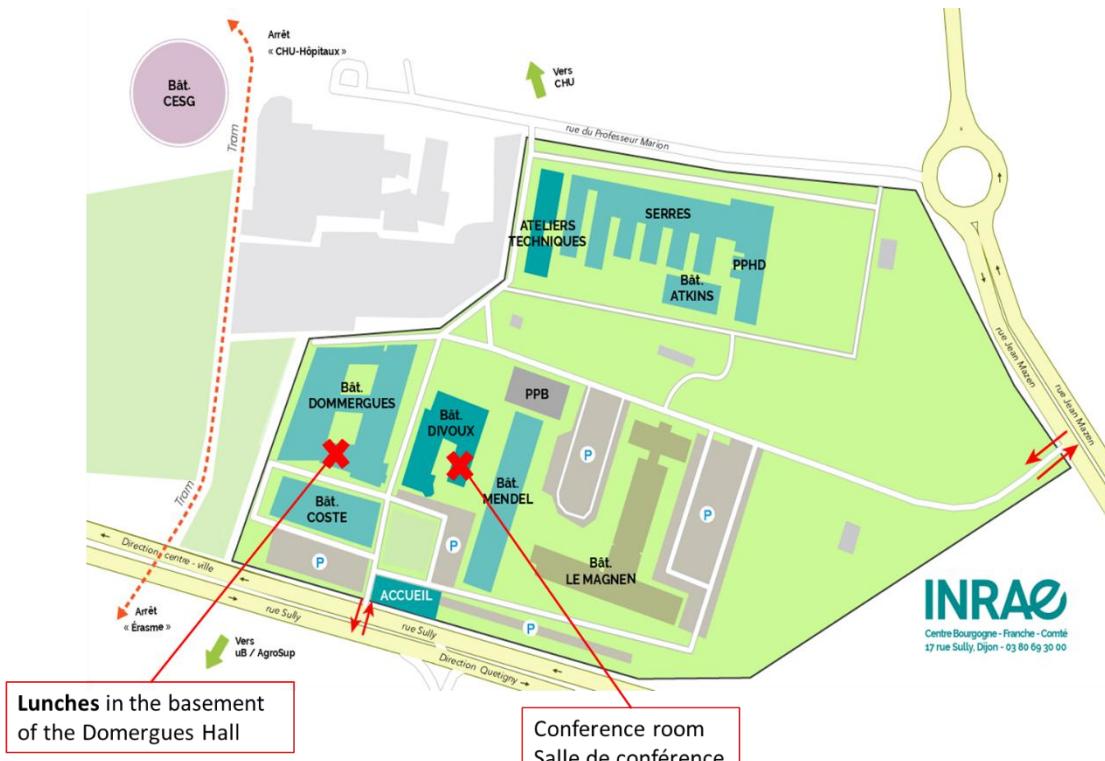
**12:00 – 12:20:** *Laura Trimborn. Below-ground interactions strongly limit shoot branching and siliques production in *Arabidopsis thaliana* facing intra- and interspecific competition.*

**12:30 – 13:30:** *Lunch at Dijon INRAE center (funded by PLANTCOM Network).*

#### SPEAKER'S INFORMATION:

- **Invited speakers:** Each invited speaker will have a **45-minute slot**, which includes both the presentation and Q&A.
- **Speakers:** Each speaker will have a **20-minute slot**, which includes both the presentation and Q&A.

#### Map of INRAE Dijon centre



**For those unable to attend in person:** An online version of the seminar will be available at the following [link](#) / ID de réunion: 343 793 6301 / Code secret : INRAE@gro1

#### NOTES:

- A hotel in down town Dijon provides an ideal base for meeting attendees (15min to INRAE with tram T1). We recommend the hotel des Halles.
- Most of Dijon Museums are free. “Musée des Beaux-Arts” is worth a look (free), especially the Dukes' Tomb Room and Pompom arts (a famous local artist).
- Don't miss Dijon's iconic quirks:
  - o The owl of Notre-Dame Church: rub the small owl carved on the exterior facade of Notre-Dame Church with your left hand. According to local tradition, this will bring you good luck!

- The bear by the artist Pompon: look for the statue in Darcy Square.