

Monday 28.11.2022

14h

Welcom

14h30

Keynote Jan Traas: The SAM functioning and the plant aerial morphogeneis ?

15h15

Coffee break and posters

15h45

Session 1. The functioning of SAM
Modelling the SAM and consequences on plant architecture

Henrik Jönsson

16h15

6 Short communications

18h

break

19h30

Dinner

Tuesday 29.11.2022

Session 1 (continued)

9h

Changing SAM geometry and generation of phyllotaxy patterns

Dorothea Kwiatowska

9h30

From cell wall growth to SAM growth and patterns

Alexis Peaucelle

10h

How meristem cells measure themselves, and why it matters

Robert Sablowski

10h30

Sugar transport in cells and tissues: the case of SAM

Author to be confirmed

11h

Coffe break and posters

11h30

6 Short communications

13h00

Lunch

14h00

Meristem function and branching control in the leafy shoot of a moss

Yoan coudert

14h30

Session 2. Production and control of SAMS in FSPM.
FSPM Grass Models

Romain Barillot

15h00

Modelling Fruit Tree development by FSPM

Evelyne Costes

15h30

Coffee break and posters

16h00

Control of lateral meristems and shoot developments: the transformation of axillary buds.

Jessica Bertheloot

16h30

6 Short communications

18h00

Break

19h30

Dinner

wednesday 30.11.2022

9h30

SESSION 3. Toward integrated FSPM integrating SAM functions.
The genetic regulation of Shoot architecture: from inflorescence to cauliflower

François Parcy and Christophe Godin

10h00

Towards the integration of cellular scales in individual plant models

Anne Goeltzer

10h30

COFFEE BREAK AND POSTERS

11h00

ROUND TABLE. What is the next step to integrating SAM biology to the plant level?

Chairman Robert Faivre

12h30

End of symposium (Lunch or basket)