

Journée scientifique Inter LabEx Programme

« *Adaptation des organismes à l'environnement* »

13 Février 2018

Amphithéâtre Philippe Lamour, Montpellier SupAgro
2 place Pierre Viala, 34000 Montpellier

09h00 - 09h30 Ouverture de la journée scientifique par M. **Philippe Augé**, Président de l'Université de Montpellier et par **Bertrand Monthubert**, Conseiller Régional en charge de la Recherche et de l'Enseignement Supérieur, Région Occitanie.

09h30 - 09h50 **Panaud Olivier** (LGDP)

The transpositional landscape of 3000 rice genomes : TE-GWAS, a new strategy to unravel the impact of transposition on plant adaptation

09h50 - 10h10 **Raymond Michel** (ISEM)

Populations humaines: adaptation locale à un environnement à risque

10h10 - 10h30 **Costes Evelyne** (AGAP)

Fruit Tree adaptation to environmental stresses: new challenges for genetic and breeding

10h30 - 10h50 Pause café

10h50 - 11h10 **Lorin-Nebel Catherine** (MARBEC)

How do animals cope with freshwater environments ? Intraspecific variation in phenotypic traits

11h10 - 11h30 **Mounet Fabien** (LRSV)

Water deficiency and potassium supply trigger interconnected signals to modulate wood formation in Eucalyptus grandis xylem

11h30 - 13h00 Table ronde

13h00 - 14h15 Déjeuner

14h15 - 15h15 **Poulicard Nils** (IPME)

Emergence and dispersion of the Rice yellow mottle virus in West-Central Africa in relationship with the history of rice cultivation intensification: reconstruction of the past and concerns about the future

14h30 - 14h45 **Pavinato Vitor** (CBGP)

Tracking selection in time-series population genomic data using ABC random forests

14h45 - 15h00 **Sentis Arnaud** (EDB - SETE)

Evolution without standing genetic variation: transgenerational plastic effects accumulate under constant selective pressure

15h00 - 15h15 **Bonamour Suzanne** (CEFE)

Ontogénie et senescence de la plasticité phénotypique de la date de ponte chez les mésanges bleues méditerranéennes

15h15 - 15h35 **Roux Fabrice** (LIPM)

Adaptation to plant communities across the genome of Arabidopsis thaliana

15h35 - 15h55 **Gojon Alain** (BPMP)

Nutrient sensing in plants : the case of the NRT1.1/NPF6.3 nitrate transceptor in Arabidopsis thaliana

15h55 - 16h00 Pause

16h00 - 16h20 **Baumont Maeva** (LEPSE)

Thermal acclimation of photosynthesis for wheat

16h20 - 16h40 **de Carvalho-Niebel Fernanda** (LIPM)

Symplastic cell connectivity coordinates the development of nitrogen-fixing root nodules

16h40 - 17h00 **Grunau Christoph** (IHPE)

« A systems biology approach to epigenetic inheritance »