

# Journée scientifique Inter LabEx Programme

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« *Adaptation des organismes à l'environnement* »

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**13 Février 2018**

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

09h00 - 09h30 Ouverture de la journée scientifique par

**Philippe Augé**, Président de l'Université de Montpellier  
**Bertrand Monthubert**, Conseiller Régional Occitanie

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

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

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

*Populations humaines: adaptation locale à un environnement à risque*

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

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

10h30 - 10h50 Pause café

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

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

11h10 - 11h30 **Fabien Mounet** (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 - 14h30 **Nils Poulicard** (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 **Vitor Pavinato** (CBGP)

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

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

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

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

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

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

*Adaptation to plant communities across the genome of Arabidopsis thaliana*

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

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

15h55 - 16h10 Pause

16h10 - 16h30 **Maeva Baumont** (LEPSE)

*Thermal acclimation of photosynthesis for wheat*

16h30 - 16h50 **Fernanda de Carvalho-Niebel** (LIPM)

*Sympathic cell connectivity coordinates the development of nitrogen-fixing root nodules*

16h50 - 17h10 **Christoph Grunau** (IHPE)

*A systems biology approach to epigenetic inheritance*