

# Jeudi 8 Juin 2017

8h30-8h50: Welcome of the participants / [Accueil des participants](#)

8h50-9h00: Introduction - practical information / [détails pratiques](#)

## SESSION 1- (ANIMATRICE MALIKA AINOUCHE)

9h00-9h40: **GRIMANELLI Daniel** Dynamics and functional roles of DNA methylation during plant reproductive development.

9h40-10h05: **RICHARDS Christina** Transcriptomic responses to challenging environments in *Spartina alterniflora* populations

10h05-10h30: **KELLER Jean** *Lupinus* (Fabaceae) nodulome: A RNA-seq approach of differentially expressed genes in a context of symbiont switch in the plant/Bradyrhizobium nitrogen-fixing association

10h30-10h55: **ROUSSEAU-GUEUTIN Mathieu** Endosymbiosis and the evolutionary fate of genes duplicated in different cellular compartments.

[10h55-11h15 Coffee Break](#)

## SESSION 2 - (ANIMATRICE ANNE MARIE CHÉVRE)

11h15-11h40: **STAVRINIDES Anna** Highly duplicated Medium-Chain Dehydrogenase/Reductases increase chemical diversity and hint at the creation of biosynthetic gene clusters

11h40-12h05: **KHEDIM Thinhan** Karyotype diversity and evolution in the disjunct *Allium* subgenus *Amerallium* Traub (Amaryllidaceae)

12h05-12h30: **AISSIOU Fella** *Brassica rapa* genetic resources from Algeria: diversity and population structure based on SSR markers

12h30-12h55: **FARHAT Perla** Exceptional high rate of polyploidy screened in *Juniperus* genus

[13h00-14h15: Lunch at CIRAD](#)

## SESSION 3 - (ANIMATEUR MATHIEU ROUSSEAU)

14h15-14h30: **D'HONT Angélique** GenomeHarvest Project

14h30-14h55: **AHMED Dalel** A phylogenomic study based on Genotyping By Sequencing unravels the interspecific mosaic structures of the cultivated *Citrus* genomes

14h55-15h20: **GARCIA SANTOS Joao** Using the 3k genomes to decipher the mosaic structure of genome diversity in Rice

15h20-15h55: **COTTIN Aurélien** Evaluation of methodologies for the characterization of plant mosaic genomes

[15h55-16h25: Coffee Break and Poster](#)

- 16h25-16h50: **MARTIN Guillaume** Evolution of the banana genome is impacted by large chromosomal translocations
- 16h50-17h15: **DUPOUY Marion** Characterization of two large chromosomal translocations in *Musa acuminata* ssp. *burmannicoides* "Calcutta4"
- 17h15-17h40: **BAURENS Franc-Christophe** Large chromosomal structural variations between *M. acuminata* and *M. balbisiana* and their consequences on chromosome recombination and segregation in a AAAB polyploidy context.
- 17h40-18h:05 **PELE Alexandre** New insights on homologous recombination in polyploids: the striking case of *Brassica* allotriploids

**20h RESTAURANT in "....." MONTPELLIER**

## Vendredi 9 JUIN 2017

### SESSION 4- (ANIMATEUR PHILIPPE LASHERMES)

- 9h00-9h40: **GALTIER Nicolas** Génomique des populations comparative chez les animaux: diversité génétique, taux d'adaptation, barrière d'espèces
- 9h40-10h05: **De OLIVEIRA Romain** Identification et analyse des variations structurales du génome chez le blé
- 10h05-10h30: **SOURDILLE Pierre** Overview of actual and ancestral recombination in relationship with the sequence in wheat: focus on chromosome 3B
- 10h30-10h55: **SABOT François** Evolution of African rices pangénomomes through domestication and post-domestication

*10h55-11h15 Coffee Break*

### SESSION 5 - (ANIMATEUR OLIVIER CORITON)

- 11h15-11h40: **PANAUD Olivier** Crops, man and TEs. The 3000 rice genomes unravel TE-driven genome dynamics in the field
- 11h40-12h05: **DUPEYRON Mathilde** Distribution of Divo in *Coffea* genomes, a poorly described family of angiosperm LTR-Retrotransposons
- 12h05-12h30: **FRUCHARD Cécile** Assembling a large plant Y chromosome using long read sequencing
- 12h30 – 13h00: **Round table-** Exchanges – End of the conférence / [Table Ronde Echange Clôture de la conférence](#)

**13h00: Lunch at CIRAD**