

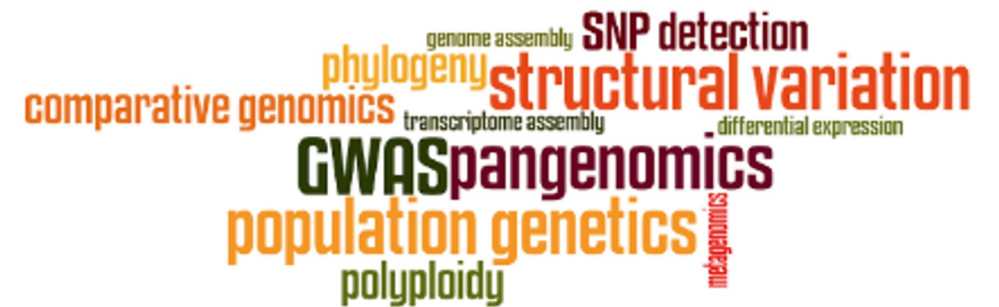
Session de formation 2023



bioinformatics platform dedicated to the genetics and genomics of tropical and Mediterranean plants and their pathogens



Mutualisation



Cacao

Banana

Coffee

Rice

Palm

Cassava

Pseudocercospora

Magnaporthe

South Green

bioinformatics platform



4 institutes



3 research units



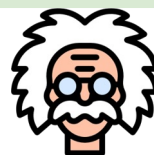
25+



Storage and computing resources

Tools

Trainings



400+



Meso@LR au CINES
1090 threads :
 35 standard nodes
 2 bigmem nodes
 1 GPU node
500 To of replicated storage



CINES
1130 threads:
 30 standard node
 1 supermem node
 1 GPU node
150 To on 3 NAS + 210 To scratch



400+



600+ tools

Resources mutualised at Meso@LR through the
Mudis4Ls project (purchase/storage/data)



Collaborative development of tools

Genomics

Pangenomic

Gene families

Comparative

Phylogeny

Assemblies

Annotation

Data mining

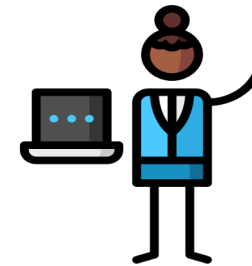
Diversity

genotype manipulation

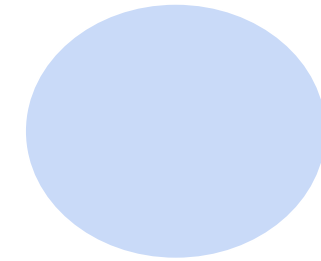
exploration

mosaic manipulation

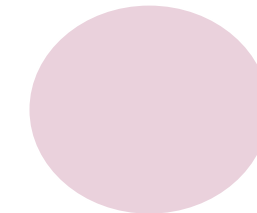
Metagenomic



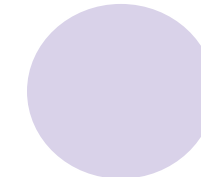
**+20
tools**



web applications (16)



visualisation (8)



workflows(5)



packages (4)



<https://github.com/SouthGreenPlatform/>

I-Trop

Plant & Health Bioinformatics Platform

<https://bioinfo.ird.fr/>



AUORE
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And more collaborators !

South Green

bioinformatics platform

