cnrs GDR Groupement de recherche
BIM Bioinformatique moléculaire
AIEM Approche Interdisciplinaire de l'Évolution Moléculaire
2AD Acquisition et analyse de données pour l'histoire naturelle
GDR Génomique Environnementale
France Génomique

From reads to genomes and populations

21 et 22 septembre 2022
Muséum national d'histoire naturelle, Paris

Mercredi 21 septembre

10h00-10h30	Accueil
10h30-10h45	Introduction
10h45-11h40	**Nadia BESSOLTANE** *Small-variant calling by mapping reads to reference sequences.*
11h40-12h35	**Antoine LIMASSET** *De novo assembly, the good, the bad and the ugly.*
12h35-12h55	**Ludovic DUVAUX** *An automatic and reproducible PacBio HiFi based genome assembly workflow for pangenomic applications.*
12h55-14h30	Déjeuner
14h30-15h25	**Romuald LASO-JADART** *Reference-free population genomics using metagenomic data.*
15h25-15h45	**Sarah GAUTIER** *High quality phased assembly of grape genome offer new opportunities in chimera detection.*
15h45-16h15	Pause café
16h15-17h10	**Claire LEMAITRE** *Methodological challenges of Structural Variation characterization and the particular case of long insertions.*
17h10-17h30	**Claire MÉROT** *Structural variants and species differentiation in Lake Whitefish.*
17h30-17h50	**Hugues ROEST CROLLIUS** *ATLASea : An atlas of marine genomes.*

Jeudi 22 septembre

10h10-11h05	**Mark BLAXTER** *Tree of Life Genomics: from specimens to reference genomes.*
11:05-11:35	Pause café
11h25-12h20	**Jean-Marc AURY** *De novo sequencing and assembly of complex genomes.*
12h20-12h40	**Ana ZOTTA** *So close yet so far: scaffolding and phasing highly similar copies from a triploid hybrid genome.*
12h40-13h00	**William MARANDE** *From seeds to genome : production of high quality plant genome at the CNRGV.*

13h00-14h30	Déjeuner
14h40-15h35	**Romain KOSZUL** *Hi-C applications for genomics.*
15h35-16h30	**Céline BON** *Challenges in NGS analyses of ancient DNA.*
16h15-16h45	Pause café
16h45-17h30	**Stefano MONA** *Population genomics in the wild: examples from some non-model species.*
17h30-17h40	Concluding words