

# III Workshop in Genetics and Plant Breeding

Data analysis: an essential skill in science

Mini Course I

A tutorial on conducting haplotype-based  
genome-wide association studies



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Professor of Department of Institute of Plant  
Biology and Biotechnology (IBVB).  
He has experience in molecular biology,  
neural networks and genomic selection in  
maize and euplyptus.

November  
12-14<sup>th</sup> 2019

Convention Center of UENF  
Campos dos Goytacazes, RJ

Registration  
opening  
Aug 12<sup>th</sup>

Abstracts  
submission  
Aug 12<sup>th</sup> - Oct 20<sup>th</sup>

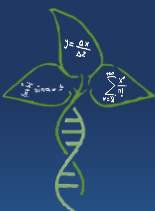
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## Program Content

- Haplotypes x SNP**
- ✓ Haplotypes and their advantage in comparison with SNP
- Practice**
- ✓ Obtaining haplotypes with the HAPLOVIEW
- ✓ Conversion of results in multiallelic markers
- ✓ How perform haplotype-based GWAS"

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