

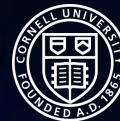


## Cabildo de Lanzarote, Spain



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# Course Programme



Cornell University

## Course Instructors:

Dr. Julio Isidro Sánchez University College Dublin

Dr. Deniz Akdemir Cornell University

The aim of this course is to provide a basic quantitative and statistical framework to apply genomic selection (GS) in a routine manner. The course is focusing on the application of plant breeding concepts through practical exercises in R. The course will provide participants with the relevant theory of GS models, as well as with hands-on experience with relevant GS techniques.

Day 1	Quantitative Genetics Linear Models AOVA GLM Big picture GS Population in GS R. intro
Day 2	Factors affecting GS Optimization of GS Fixed -Random Effects BLUEs and BLUPs
Day 3	Kinship Imputation Statistical models GxE Multi-trait analysis
Day 4	One vs two step approach in GS Cross Validation Genomic Mating

For more information

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Book online now:

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Or visit:

<http://bit.ly/genomicselection2019>