

SFTIC 2017 North American Quantitative Genetics Workshop



Monday, June 19, 2017 – 1:00 PM to 4:00 PM

Cost to Participate: NO CHARGE

(Attendance is limited to 25. A minimum of 10 people is required to host the workshop. The organizers reserve the right to cancel the workshop if the minimum is not met.)

Organizer: **Salvador A. Gezan** (University of Florida, Gainesville, FL)

SFTIC 2017 features an optional pre-conference workshop presenting state-of-the-art information about a new series of statistical tools with applications for the analysis of tree breeding trials.

Background

Every year several new powerful statistical and computational tools are developed that assist with the discovery of new genes and the analysis of complex genetic information. These tools have relevant applications to the data generated from genetic improvement programs. However, applications to tree species are often limited in number and scope. For this reason, it is critical aspect to have illustrations of these novel applications with forestry data to visualize and discover future applications to any commercial breeding program and research projects. This workshop will provide working examples, and serve as a forum for researchers to exchange ideas and information.



Workshop Benefits

At the conclusion of the workshop, attendees will have improved their understanding of some of the latest tools, and will be able to start planning and applying the presented code and packages to benefit their own needs.

Workshop Presentations

- | | |
|-------------------|--|
| 1:00 pm – 2:20 pm | The Mystery Behind the Genomic Relationships: An Example in Maritime Pine — <i>Dr. Fikret Isik</i> , North Carolina State University, Raleigh, NC |
| 2:20 pm – 2:40 pm | Refreshment Break |
| 2:40 pm – 3:20 pm | Extending Genome-wide Association Studies (GWAS) to Multi-Environment Trial Analyses — <i>Dr. Salvador Gezan</i> , University of Florida, Gainesville, FL |
| 3:20 pm – 4:00 pm | TBD. <i>Dr. Gary Hodge</i> , North Carolina State University, Raleigh, NC |
| 4:00 pm | Workshop Concludes |

www.conference.ifas.ufl.edu/SFTIC2017