GxExM SYMPOSIUM II

Times listed below are for Gainesville, FL, USA (EDT, GMT-4). To work out the time in your local area, try this Time Zone Converter. Zoom webinar ID: 825 5077 5775.

In Person attendance: Reitz Union, University of Florida, Gainesville

DAY 1: MONDAY 6 NOVEMBER

Session 1 - Chair: Professor Carlos Messina (University of Florida)

Time	Speaker	Title
8:15am		Coffee and set up/registration
8:30am	University of Florida (UF) Provost and VP	Welcome
8:40am	Carlos Messina; UF	Introduction and Overview of Symposium
9:00am	Greg Rebetzke; CSIRO	Breeding/Predicting for Wheat GxExM in Australia
9:30am	Mark Cooper; University of Queensland (UQ)	Breeding/Predicting for Maize GxExM in the US Corn-Belt
10:00am		Break
10:40am	Hsiaoyi Hung; Driscolls	GxExM Modelling Examples at Driscolls
11:00am	Rupashree Dass; Computomics	
11:20am	Christina Finegan; Bayer	
11:40am	Anabelle Laurent; Corteva Agriscience	Leveraging crop growth model whole genome prediction to explore maize silk development
12:00pm	Francisco Gonzales; Google	
12:20pm		Lunch

Session 2 - Chair: Professor Christine Beveridge (University of Queensland)

Time	Speaker	Title
1:30pm	Daniela Bustos-Korts; Universidad Austral de Chile	Perspectives on predicting GxExM I
2:00pm	Graeme Hammer; UQ	Perspectives on predicting GxExM II
2:30pm	Eduardo Vallejos; UF	Perspectives on predicting GxExM III
3:00pm		Break
3:30pm	Shunichiro Tomura; UQ	Ensemble modelling
3:50pm	Jacob Washburn; USDA-Agricultural Research Service	Deep Learning GxExM
4:10pm	Diane Wang; Purdue	Process-based prediction
4:30pm	Carlos Messina & Christine Beveridge	Summary of the day and discussion
5:00pm		Break
6:00pm	Patricio Munoz; UF	Visit Blueberry Breeding Program and Labs
6:30pm		Group Dinner at Fifield Hall

DAY 2: TUESDAY 7 NOVEMBER

Session 3 – Chair: Professor Daniela Bustos-Korts (Universidad Austral de Chile)

Time	Speaker	Title
8:15am		Coffee and set up/registration
8:45am	Carlos Messina; UF	House Keeping
9:00am	Lucia Gutierrez; University of Wisconsin-Madison	Perspectives on predicting GxExM IV (multi-omics)
9:30am	Gustavo de Los Campos; Michigan State University	Perspectives on predicting GxExM V
10:00am		Break
10:30am	Diego Jarquin / Andew Leakey; UF & University of Illinois	Predicting for CABBI
11:00am	Jose Crossa; CIMMYT	Perspectives on predicting GxExM VI
11:20am	Daniel Runcie; UC Davis	Towards modeling GxE using MegaLMM
11:40am	Julian Garcia-Abadillo; Technical University of Madrid	Integration of multi-omics datasets and their interactions in predictive models for tree species
12:00pm		Lunch

Session 4 - Chair: Professor Mark Cooper (University of Queensland)

Time	Speaker	Title
1:00pm	Fred van Eeuwijk; Wageningen University	Perspectives on predicting GxExM VII
1:30pm	John McKay; Colorado State University	Underground underpinnings of GxExM in maize
2:00pm	Renee Lafitte; Gates Foundation	How can prediction transform subsistence farming into small business agriculture? GxExM VIII
2:30pm		Break
3:00pm	Natalia de Leon; University of Wisconsin	Next iteration on Genomes – to – Fields
3:30pm	Ioannis Droutsas; UC Davis	Coupling machine learning with crop modelling
3:50pm	Addie Thompson; Michigan State University	CGM, GS & Phenomics to enable prediction of GxExM systems
4:10pm	Owen Powell; UQ	Software Platform for predicting crop GxExM
4:30pm	Daniela Bustos-Korts & Mark Cooper	Summary of the day and discussion