

Monday 9 November

Germplasm diversity phenotyping and enviromics

Time	Session or author	Topic or responsibility	Topic group and section
08:30–09:00	Registration		—
09:00–10:30	Opening ceremony		—
10:30–11:00	Coffee break		—
11:00–11:30	GB · Terajima et al.	Miscanthus hybridization for low-temperature adaptation	Group 3 GB section
11:30–12:00	GB · Sushir et al.	Erianthus for climate-resilient varieties	Group 3 GB section
12:00–12:30	GB · Pinto et al.	RIDES. RIDESA Global Germplasm Exchange.	Group 3 GB section
12:30–13:30	Lunch		—
13:30–14:00	GB · Baisakh et al.	Genetic Evaluation of the West Indies Central Sugarcane Breeding Station Germplasm Collections toward Development of a Core Panel	Group 3 GB section
14:00–15:00	Discussion 1 · Variety exchange	GB Committee	GB section
15:00–15:30	Coffee break		—
15:30–16:00	GB · Wang et al.	SPCane-YOLOv8 for stalk phenotyping	Group 1 GB section
16:00–16:30	GB · Alvarenga et al.	Enviromics for predicting yield of sugarcane genotypes under restrictive environments Cursi team entry; presenter to be confirmed	Group 4 GB section

Tuesday 10 November

Genomic selection databases and Variety Notes

Time	Session or author	Topic or responsibility	Topic group and section
08:30–09:30	Plenary · Lee Hickey	45-minute talk and 15-minute Q&A; first session	Joint
09:30–10:00	MB · Racedo et al.	Genomic selection and parental distance for family prediction	Group 3 MB section
10:00–10:30	MB · Rio et al.	Genomic prediction across breeding populations	Group 3 MB section
10:30–11:00	Coffee break		—
11:00–11:30	MB · Ali and Rouse	Genetic diversity, population structure and QTL	Group 3 MB section
11:30–12:30	Discussion 2 · Implementing genomic selection challenges	MB Committee	MB section
12:30–13:30	Lunch		—
13:30–14:00	Flexible time	Overruns, networking or informal follow-up	—
14:00–14:30	GB · Carrasco et al.	Cross planning and germplasm traceability	Group 2 GB section
14:30–15:00	GB · Pachter et al.	Breedbase in the Florida–Barbados breeding program	Group 2 GB section
15:00–15:30	GB · Hulse-Kemp et al.	Sugarcane Trait Ontology and harmonized phenotype descriptors	Group 2 GB section
15:30–16:00	Coffee break		—
16:00–17:00	Discussion 3 · Variety Notes	GB Committee	GB section
18:00		Coach to WIRD for ISSCT Dinner	
18:30		ISSCT dinner at WIRD	

Wednesday 11 November

Time	Event
7.30	Departure from Hotel
8..30	Arrival at WICSCBS
8.30 - 11.30	Tour of WICSCBS
11.30	Depart from WICSCBS
12.00	Arrive at WIRD
12.00 - 1.30	Lunch
1.30-4.30	Tour of WIRD and beach day

Thursday 12 November

Time	Session or author	Topic or responsibility	Topic group and section
08:30–09:00	MB · Zhang et al.	Genome architecture, carbon allocation and lodging	Group 1 MB section
09:00–09:30	MB · Piperidis et al.	Oligo-FISH and chromosome transmission	Group 1 MB section
09:30–10:00	MB · Zhu et al.	Female restitution and unreduced gametes	Group 1 MB section
10:00–10:30	MB · Abdallah et al.	Chromosome pairing, haplotype mapping and cytogenetics	Group 1 MB section
10:30–11:00	Coffee break		—
11:00–11:30	MB · Aitken et al.	Genetic control and NIR phenotyping of biomass	Group 4 MB section
11:30–12:00	MB · Umeda et al.	Markers, pathogen quantification and RNA-seq for smut resistance	Group 4 MB section
12:00–12:30	MB · Echeverry et al.	GWAS for Diatraea resistance	Group 4 MB section
12:30–13:30	Lunch		—
13:30–14:00	GB · Rouse et al.	Restructuring Florida Sugarcane Variety Breeding and Selection to Drive Innovation	Group 4 GB section
14:00–14:30	GB · Zhou	Genetic gains and breeding program efficiency	Group 4 GB section
14:30–15:00	GB · Kimbeng	Family merit from historical advancement records	Group 4 GB section
15:00–15:30	GB · Orozco and Queme	Cultivar replacement and sugar yield trends in Guatemala	Group 4 GB section
15:30–16:00	Coffee break		—
16:00–17:00	Discussion 4 · Integrating sugarcane genomic knowledge	MB Committee	MB section

Friday 13 November

Transformation editing and breeding applications

Time	Session or author	Topic or responsibility	Topic group and section
08:30–09:00	MB · Garcia et al. · CTC	Transformation and multi-allelic CRISPR platforms	Group 2 MB section
09:00–09:30	MB · Garcia et al. · Chacra	CRISPR HDR targeting ALS for herbicide tolerance	Group 2 MB section
09:30–10:00	MB · Menossi et al.	Prime editing, ALS editing and ScGAI deletions	Group 2 MB section
10:00–10:30	MB · Enrique et al.	HAHB11 transgenic sugarcane for drought tolerance	Group 4 MB section
10:30–11:00	Coffee break		—
11:00–11:30	Flexible time	Overruns or networking	—
11:30–12:30	Contingency time	Overruns or networking; the provisional Baisakh reservation has been released	—
12:30–13:30	Lunch		—
13:30–14:30	Business meeting	Proposed one-hour duration; confirm whether joint or separate	—
14:30–14:45	Closing remarks	Proposed; departure time remains to be confirmed	—

