

Tuesday Afternoon (June 26th)

Agricultural Session I

Time	Presentation Titles and Authors
1:10	<i>Evaluation of new herbicide chemistries for managing itchgrass (Rottboellia cochinchinensis) in Louisiana sugarcane</i> - A.J. Orgeron and D.J. Spaunhorst
1:30	<i>Newly established bermudagrass response to topramezone and triazine herbicides</i> - D.C. Otero
1:50	<i>Performance of synthetic auxin and HPPD-inhibiting herbicides for control of divine nightshade (Solanum nigrescens Mart. & Gal) in Louisiana sugarcane</i> - D.J. Spaunhorst and A.J. Orgeron
2:10	<i>Fall panicum (Panicum dichotomiflorum) control and sugarcane response to topramezone applied alone or in tank-mixes with triazines herbicides</i> - R.M. Negrisoni, D.C. Otero, G. MacDonald, B. Sellers, and D.H. Laughinghouse
2:30	<i>Dispersal and sex ratio of sugarcane rust mite on sugarcane</i> - N. Asbani, G. Nuessly, R. Cherry, and J. Beuzelin
2:50	BREAK
3:20	<i>Sugarcane borer and ant abundance in sugarcane fields grown on organic and mineral soils in Florida</i> - E.R. Salazar, J. Beuzelin, M. VanWeelden, R. Cherry, M. Karounos, K. Shaber, and L. Baucum
3:40	<i>Feeding behavior of Melanotus communis (Coleoptera: Elateridae) in Florida sugarcane</i> - R. Cherry, M. Karounos, C. Otero, H. Sandhu, and J. Beuzelin
4:00	<i>Effect of sugarcane variety and foliar insecticide treatment on oriental sugarcane thrips infestations</i> - J.M. Beuzelin, M.T. VanWeelden, H.S. Sandhu, and R.W. Davidson

Tuesday Afternoon (June 26th)

Manufacturing Session I

Time	Presentation Titles and Authors
1:10	<i>The Clewiston sugar mill – 10 years after breakthrough</i> - A. Katryan
1:30	<i>Development of metal matrix composites materials (zuper cera) for sugar and cement industries</i> - J. Duttagupta and Z. Hoque
1:50	<i>New sugar cane mill drive concept</i> - M. Matosevic
2:10	<i>Preliminary study on sodium permanganate as a biocontrol agent and a processing aid for Louisiana factories</i> - S. Boone, G. Eggleston, K.T. Klasson, L. Boihem Jr., B. Montes, K. Pontif, and M. Wright
2:20	<i>Results of implemented rotary screens in US factories</i> - J.J. Mendoza and F. Bavuso
2:50	BREAK
3:20	<i>Size dependent quality of Louisiana bagasse</i> - P. Gaston and F. Ehrenhauser
3:40	<i>Effect of feed source and pyrolysis conditions on sugarcane bagasse biochar</i> - I. Lima and A. Hass
4:00	<i>Reasons for using Platular[®] heat exchangers in cane sugar mills</i> - D. Martin and J. Corcoran
4:20	<i>Performance optimization of mud processing through flocculant selection and application</i> - J. Pena, C. Freeland, and S. Hurd

Tuesday Afternoon (June 26th 4:40 – 6:40)**Posters**

1	<i>Using eddy covariance to determine sugarcane field hydrologic components</i> - P.M. White Jr., C.L. Webber III, and M.P. Grisham
2	<i>The use of historical data and some physiological characteristics to improve the yield estimations of sugarcane in Cuba</i> - G. Galvez, A. Gonzalez, M. Ferrer, R. Gonzalez, and H. García
3	<i>Investigations into pathogenic and genomic variation of Puccinia kuehnii using single uredinia</i> - L.N. Rodrigues Porto, L.M. Cano, B. Chaulagain, M. Hincapie, P. Rott, and A. Seiti Urashima
4	<i>Effect of Sugarcane yellow leaf virus on yields of sugarcane grown on organic and mineral soils during three crop seasons in Florida</i> - W. Boukari, C. Kaye, C. Wei, M. Hincapie, L. Davis, M. Irey, C. LaBorde, and P. Rott
5	<i>Sugarcane mosaic virus infects at least five different hosts in South Florida</i> - M. Hincapie, C. Wei, S. Sood, D. Mollov, and P. Rott
6	<i>Descaling evaporators with a reusable chelating agent</i> - B. Mills, B. Ramirez, P. Kincaid, J. LePage, L. Brassington, B. McManus, and A. Katryan
7	<i>Evaluation of miticides and insecticides for management of two arthropod pests of sugarcane in Florida</i> - M.T. VanWeelden, J.M. Beuzelin, M. Naranjo, and J. Taylor
8	<i>Transcriptomics analysis of transgenic sugarcane in response to Sugarcane mosaic virus</i> - L. Qin, Y. Cui, Y. Xu, Z. Chai, W. Yao, M.S. Islam, R. Chen, B. Chen, and M. Zhang
9	<i>Susceptibility and yield response to sugarcane borer (Lepidoptera: Crambidae) infestation among sugarcanes and sorghums with potential for bioethanol production</i> - B. Wilson, M.T. VanWeelden, J.M. Beuzelin, and T.E. Reagan
10	<i>Management of sugarcane distillery spent wash for improving the growth, yield and quality of sugarcane crop</i> - M. Bilal Chattha, M. Nawaz, and M.U. Chattha

Wednesday Morning (June 27th)

Agricultural Session II

Time	Presentation Titles and Authors
8:20	<i>A decade of orange rust in Florida: where we were and where we are going</i> - R.N. Raid, B. Chaulagain, M. Hincapie, S. Sanjel, D. Hartman, S. Sood, J. Comstock, and P.C. Rott
8:40	<i>Developing diagnostic genetic markers for orange rust resistance selection in sugarcane (Saccharum spp.)</i> - X. Yang, M.S. Islam, S. Sood, S. Maya, E. Hanson, J. Comstock, and J. Wang
9:00	<i>Development of orange rust resistant sugarcane cultivars in Florida</i> - S. Sood, W. Davidson, J.C. Comstock, P. Rott, and D. Zhao
9:20	<i>Identification of effector homologs in the sugarcane orange rust pathogen Puccinia kuehnii</i> - L.M. Cano, T.S. Oppelaar, L.N. Rodrigues Porto, B. Chaulagain, M. Hincapie, S. Sood, Q. Zheng, J.C. Comstock, A. Seiti Urashima, and P. Rott
9:40	<i>Weather-based risk assessment models for predicting sugarcane rust severity in Florida</i> - B. Chaulagain, I. Small, J.M. Shine Jr., C.W. Fraisse, R.N. Raid, and P. Rott
10:00	BREAK
10:30	<i>Development of orange rust of sugarcane in the Rio Grande Valley of Texas</i> - M.P. Grisham, W. Davidson, J.S. Haudenschild, K.Z. Warnke, J.R. Maggio, E. Hernandez, A.W. Scott Jr., J.C. Comstock, P.H. McCord, and G.L. Hartman
10:50	<i>Transmission of Sugarcane yellow leaf virus to sugarcane using arthropod vectors in Florida</i> - W. Boukari, C. Wei, S. Sood, L. Tang, G. Nuessly, J. Beuzelin, and P. Rott
11:10	<i>Sugarcane streak mosaic virus detected in Louisiana</i> - D. Mollov, S. Grinstead, A. Hale, M. Malapi-Wight, and M. Grisham
11:30	<i>Sugarcane cell wall-associated defense responses to infection by smut fungus, Sporisorium scitamineum toward development of bio-molecular markers</i> - N. Baisakh, J.P.R. Marques, J.W. Hoy, and A.F.G Viveros

Wednesday Morning (June 27th)

Agricultural Session III

Time	Presentation Titles and Authors
8:20	<i>L 11-183 – A potential new sugarcane variety for the Louisiana sugar industry</i> - M. Pontif, C. Kimbeng, K. Gravois, G. Hawkins, D. Sexton, K. Bischoff, B. Wilson, J. Hoy, N. Baisakh, and C. LaBorde
8:40	<i>Comparison of two selection methods at Stage II in the CP breeding and selection program for sand soil</i> - O. Coto, H. Sandhu, W. Davidson, and M. Baltazar
9:00	<i>New sugarcane hybrids in Saccharum spontaneum cytoplasm developed through a combination of conventional and molecular breeding approaches</i> - P. Yong-Bao, D.M. Burner, and J.R. Todd
9:20	<i>Advances in the basic breeding program</i> - A.L. Hale, P.M. White, J.R. Todd, E.O. Dufrene, and R.P. Viator
9:40	<i>History and progress in Texas: their sugarcane variety development since 2011</i> - J.C. Comstock, A.W. Scott Jr., E. Hernandez, R.W. Davidson, M.P. Grisham, E.O. Dufrene Jr., A.L. Hale, J.R. Todd, P.M. White, W.H. White, G.S. Nuessly, C. Kimbeng, K.A. Gravois, M.J. Pontif, A.L. Orgeron, H.L. Waguespack Jr., J.M. Shine Jr., and J.A. Prado
10:00	BREAK
10:30	<i>Minimizing the influence of genotype x environment interaction on selection decisions in a sugarcane variety trial</i> - C. Kimbeng, J. Todd, M. Pontif, D. Sexton, and E. Dufrene
10:50	<i>Evaluating resistance to Sorghum mosaic virus in the Louisiana sugarcane breeding program by mechanical inoculation</i> - J. Rice, J.W. Hoy, A.L. Hale, and J.R. Todd
11:10	<i>Optimizing ROI: sugar-sample timing as a major predictor of varietal success in the canal point cultivar development program</i> - V. Gordon

Wednesday Morning (June 27th)
Manufacturing Session II

Time	<i>Presentation Titles</i> and Authors
8:20	<i>Operational improvements with sodium permanganate in Louisiana sugar mills</i> - S. Ihli, J. Sanders, S. Boone, and I. Chopik
8:40	<i>KemTalo Scale 207 as antiscalant for sugarcane juice evaporation system</i> - M. Moreira da Costa, C. Hill, C. Freeland, F. Rodrigues, and A. Hakas
9:00	<i>A new approach to control spray water addition and spinning time in batch centrifuges</i> - B.C. Nielsen and T. Diringen
9:20	<i>Pilot plant studies on the removal of residual amylase and other impurities by powdered activated carbons in a sugar refinery stream</i> - I. Lima, A. Jimenez, G. Eggleston, B. Pabon, E. Sarir, and J. Thompson
9:40	<i>Development of factory performance curves using SugarsTM for Windows</i> - S. Kahre
10:00	BREAK
10:30	<i>Water treatment in sugar mills</i> - L. Mastropieri and J. Fretz
10:50	<i>How to kill your pump</i> - K. Maloney
11:10	<i>Air seals as a sealing option for sugar refineries</i> - M. Willis
11:40	<i>Selecting the correct motor for your application</i> - S. Snead

Wednesday Afternoon (June 27th)
Agricultural Session IV

Time	<i>Presentation Titles</i> and Authors
1:10	<i>Impacts of organic matter on sugarcane production on Florida mineral soils</i> - M. McCray and S. Ji
1:30	<i>Sugarcane growth and physiological responses to soil salinity</i> - D. Zhao, X. Gao, and P. Aria
1:50	<i>Impacts of cover crop on soil microbiome in a long-term sugarcane monoculture</i> - H.P. Mula-Michel, P. White, and A. Hale
2:10	<i>Amending sugarcane monoculture through crop rotations and fungicides: effects on soil properties and sugarcane growth</i> - M. Vuyyuru, H. Sandhu, R. Raid, and M. McCray
2:30	<i>Maturity curves and harvest schedule of new and commercial sugarcane cultivars in Florida</i> - K.A. Polacik, H. Sandhu, and J.M. Shine Jr.
2:50	BREAK
3:20	<i>Crop yield increases observed with chemically treated-billet seedcane in Louisiana</i> - P.M. White Jr., C.L. Webber III, J.W. Hoy, K.A. Gravois, and H.L. Waguespack Jr.
3:40	<i>Sugarcane varietal response to row spacing in plant cane and first ratoon</i> - H.S. Sandhu
4:00	<i>Family selection with vegetation indices derived from UAS acquired aerial imagery</i> - J. Todd and R. Johnson

Wednesday Afternoon (June 27th)
Manufacturing Session III

Time	<i>Presentation Titles</i> and Authors
1:10	Manufacturing Symposium on Green Cane Processing
1:30	
1:50	
2:10	
2:20	
2:50	BREAK
3:20	Exhibitor Presentations
3:40	
4:00	
4:20	