

38th Annual Joint Meeting



Florida and Louisiana Divisions

June 18-20, 2008

*International Plaza Resort & Spa
10100 International Drive
Orlando, FL 32821*

"Organized for the Advancement of Mainland Cane Sugar"



*American Society of Sugar Cane Technologists
Florida and Louisiana Divisions
38th Annual Joint Meeting*

Denver T. Loupe, General Secretary-Treasurer
Gregg Nuessly, Program Chairman



Wednesday Afternoon, June 18th

2:00-5:00	Registration	<i>(Great Lakes Ballroom)</i>
	Pick up pre-registration packets	
3:00-8:00	Exhibits open / Coffee available	<i>(Michigan & Ontario Ballrooms)</i>
5:00	Prize Drawings	<i>(Michigan & Ontario Ballrooms)</i>
7:00-8:00	Exhibitor's Welcome Reception	<i>(Michigan & Ontario Ballrooms)</i>
7:30	Prize Drawings	<i>((Michigan & Ontario Ballrooms))</i>



**Red theater tickets to be used for
Exhibitors' Prize Drawings**
*See program for times.
Tickets will be good for entire meeting.
Must be present to win.*





Thursday Morning, June 19th

- 8:00 Registration** (*Great Lakes Ballroom*)
8:00-6:30 Exhibits open / Coffee available (*Michigan & Ontario Ballrooms*)
8:00 Early Bird Prize Drawings (*Michigan & Ontario Ballrooms*)
9:00 Plenary Session (*Superior Ballroom*)

Welcome and President's Message
Fernando Llorens, Florida Division President

Greetings and President's Message
Michael Grisham, Louisiana Division President

General Secretary-Treasurer's Report
Denver T. Loupe

General Business

Denver T. Loupe Best Presentations Plaques (2007)--Richard Johnson
Introductions and Announcements
Program--Gregg Nuessly, Chairman
Journal Report--Gregg Nuessly, Editor
Website Report--Freddie Martin, Webmaster
Coffee Break/Prize Drawings (*Michigan & Ontario Ballrooms*)
ISSCT Report--Tere Pi Johnson, ISSCT Councillor
& Freddie Martin, Chairman of ISSCT Executive
ASSCT Joint Meeting 2009
Michael Grisham, Louisiana Division President
ASSCT Joint Meeting 2010
Fernando Llorens, Florida Division President

Report
Sugar Technology Institute Update--Lee Liang, STI Coordinator

Keynote Speaker

George P. Philippidis, Ph.D.

Associate Director, Applied Research Center
Co-Director, Energy Business Forum
Florida International University (Miami, FL)
“Biofuels: Sustainable Energy Security”

11:45 Luncheon (*Michigan & Ontario Ballrooms*)
Tickets required for registered members and guests.






Thursday Afternoon, June 19th

Agricultural Session

Okeechobee 1

(Concurrent Session with Manufacturing Session)

- 1:25 Jeff Hoy, Presiding**
- 1:30 Sugarcane Brown Rust – Determining Genetic Variation in the Pathogen and Identifying Potential Novel Sources of Resistance**
N.C. Glynn and J.C. Comstock
- 1:50 Impact of Brown Rust in Louisiana and 2007 Fungicide Testing Results** J.W. Hoy
- 2:10 Status of Sugarcane Orange Rust in Florida**
J.C. Comstock, S.G. Sood, and N.C. Glynn
- 2:30 Prospects for Fungicidal Management of Sugarcane Orange Rust**
R.N. Raid and J.C. Comstock
- 2:50 Coffee Break**
- 3:10 Virus Strains Causing Mosaic in Louisiana and Florida Sugarcane**
M.P. Grisham, J.C. Comstock, and R. Li
- 3:30 Free Amino Acids - Determinant of Sugarcane Resistance/Susceptibility to Stalk Borers and Sap Feeders**
T.E. Reagan, W. Akbar, A.T. Showler
- 3:50 Violation of Assumptions in Analysis of Variance Obscure Interpretation of Binary Data: The Case for Cross Resistance in Sugarcane to the Sugarcane and Mexican Rice Borers**
C.A. Kimbeng, M.M Zhou, J.A. da Silva and W.H. White
- 4:10 The Effects of Cultivar and Shoot Age on Sugarcane Damage by Lesser Cornstalk Borer**
H. Sandhu and G.S. Nuessly
- 4:30 The Effects of Reduced Soil Insecticide Rates on Wireworm Damage to Sugarcane**
N.A. Larsen and G.S. Nuessly
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Thursday Afternoon, June 19th

Manufacturing Session

Okeechobee 2

(Concurrent Session with Agricultural Session)

- 1:25 Charles Schudmak, Presiding**
- 1:30 Energy Requirements for Shredding Cane and Grassy Biomass**
B. Eiland and S. Clarke
- 1:50 Scale in the Sugar Industry**
M. McKee, M.A. Godshall, R. Triche, and C. Richard
- 2:10 Integration of Plate Falling Film Technology into Multiple-effect
Evaporator Stations in the Cane Sugar Industry**
J.R. Braasch and P. Toebe
- 2:30 Bagasse Deterioration on Storage**
C-H. Chung, D.F. Day, G. De Queiroz, and B. Stradi
- 2:50 Coffee Break**
- 3:10 Influence of Crystal Size Distribution on Sugar Mill Performance**
V. Kochergin
- 3:30 Iron as a Decolorizer for Raw Cane Juice**
L.R. Madsen II and D.F. Day
- 3:50 Production and Storage of High Quality Raw Sugar**
V. Kochergin and M. Saska
- 4:10 Microwave Measuring Technology for the Sugar Industry**
U. Klute and D. Dykes
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Thursday Afternoon, June 19th

Poster Session
Great Lakes Ballroom
1:30 – 6:00PM

(Authors must be present 4:30 to 5:30 PM)

- ❖ **New Insights on Hard-to-Boil Massecurites in the Sugarcane Industry**
Antoine and G. Eggleston
- ❖ **Final Recommendations for the Improved Application of a-Amylase in Raw Sugar Manufacture**
G. Eggleston, A. Antoine, B. Montes and D. Stewart
- ❖ **Effect of Residue Management on Sugarcane Yield Grown on Sharkey Clay**
H.M. Selim, A. Arceneaux, L. Liao, and R.L. Bengtson

Thursday Evening, June 19th

6:30 – 7:30 **Social Hour**
Superior Ballroom

7:30 – 10:30 **Banquet**
Superior Ballroom
NOTE: Tickets required for Registered Members and Guests

There will be music for your listening and dancing pleasure!






Friday Morning, June 20th

Agricultural Session I

Superior Ballroom

(Concurrent with Agricultural Session II & Manufacturing Roundtable)

- 8:25** **B. Glaz, Presiding**
- 8:30** **L 01-283 – A New Sugarcane Variety for the Louisiana Sugar Industry**
M. Pontif, K. Bischoff, K. Gravois, C. LaBorde, G.L. Hawkins, T.E. Reagan, J. Hoy, and C. Kimbeng
- 8:50** **The Maturity Profile of Sugarcane Variety HoCP 00-950 and its Economic Significance**
T.L. Tew and M. Salassi
- 9:10** **Sugarcane Genotype Selection Using GGE Biplot Analysis for Comparing Location Contributions**
B. Glaz and M.S. Kang
- 9:30** **Seasonal Fiber Responses of Three Sugarcane Cultivars to Soil Type and Crop Cycle**
B. Glaz, J.M. Shine, Jr., M.S. Irely, R.E. Perdomo, G. Powell, J.C. Comstock, and R.W Taylor
- 9:50** **Coffee Break**
- 10:10** **Avian Species Richness, Relative Abundance and Diversity in Agricultural Fields of the Everglades Agricultural Area**
E. Pearlstine
- 10:30** **Mechanical Planter Modifications 2007**
H. Waguespack, Jr., W. Jackson and N. Blackwelder
- 11:10** **Awards – Denver T. Loupe Best Presentations (Superior Ballroom)**
ASSCT Door Prizes (Superior Ballroom)
***Must be present to win. ***
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Friday Morning, June 20th

Agricultural Session II

Okeechobee 1

(Concurrent Session with Agricultural I and Manufacturing Roundtable)

8:25 R. Rice, Presiding

8:30 Analysis of Sugarcane Yield Response to Annual Nitrogen Fertilization B.S. Tubaña, C. Kennedy, A. Arceneaux, J. Teboh, D. Weindorf and J. Wang

8:50 Improved Fertilizer Use Efficiency with Controlled Release Sources on Sandy Soils in South Florida
K.T. Morgan

9:10 Response of Sugarcane to Mill Mud Application on a Sandy Soil
N.M. El-Hout

9:30 Boundary Lines Used to Determine Sugarcane Production Limits at Leaf Nutrient Concentrations Less Than Optimum
J.M. McCray, S. Ji, G. Powell, G. Montes, R. Perdomo, and Y. Luo

9:50 Coffee Break

10:10 Use of Foliar Analysis to Improve Sugarcane Production
N.M. El-Hout

10:30 Management and Environmental Factors that Impact Phosphorus Loading from Sugarcane Farms in the Everglades Agricultural Area T.A. Lang, S.H. Daroub, O.A. Diaz, S. Grunwald, and M.M. Brennan

10:50 NIR Technology for Sugarcane Quality Analyses at the LSU AgCenter's Sugarcane Sucrose Laboratory
K. Gravois, K. Bischoff, G. Hawkins, and M. Pontif

11:10 Awards – Denver T. Loupe Best Presentations (Superior Ballroom) ASSCT Door Prizes (Superior Ballroom)
Must be present to win.



Friday Morning, June 20th

Manufacturing Session (Roundtable)

Okeechobee 2


(Concurrent with Agricultural Sessions I and II)

- 7:55** C. Marin, Chair
S. Clarke, Moderating
- 8:00** Approaches to Handling Biomass Crops at the Factory
B. Eiland and S. Clarke
- 9:50** Coffee Break
- 10:10** Roundtable Discussion (continued)
- 11:10** Awards – Denver T. Loupe Best Presentations (Superior Ballroom)
ASSCT Door Prizes (Superior Ballroom)
***Must be present to win. ***





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International Plaza Resort & Spa (Orlando, FL)

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**Important
DATES!**

Upcoming ASSCT Meetings:

Louisiana Division

February 2-4, 2009
Holiday Inn Select
Baton Rouge, LA

Florida Division

September 19, 2008
Everglades Research & Education Center
(Technical Session)
Poinciana Country Club
(Business Session/Banquet)

Joint Division

June 17-19, 2008
Beau Rivage Resort & Casino
Biloxi, MS

