



AMERICAN PHYTOPATHOLOGICAL SOCIETY **SOUTHERN DIVISION NEWSLETTER**

DECEMBER 2009

DATES TO REMEMBER

January 14, 2010

- ☞ Deadline for room reservations at Wyndham Orlando Resort (5 PM EST)

January 29, 2010

- ☞ Deadline for receiving advance registration and \$45 abstract payment (Abstract will cost \$55 if paid at the meeting) – Register online with a credit card or send a check to Don Ferrin

February 7-8, 2010

- ☞ 87th Annual SDAPS Meeting, Wyndham Orlando Resort, Orlando, FL. (Meeting in conjunction with SAAS).

87TH SDAPS MEETING HOTEL

The official meeting hotel:

The Wyndham Orlando Resort

8001 International Drive, Orlando, FL 32819

Phone: 407-351-2420 or 800-421-8001

Group Room Rates:

Single and Double Rooms - \$139/night

Triple Rooms - \$154/night

Quad Rooms - \$164/night

Call toll free number above and ask for the Southern Association of Agricultural Scientists group rate.

Check in is 4:00 pm - Check out is 11:00 am.

Cancellations must be made three (3) days prior to check-in date or a one-day fee will be charged.

Complimentary Services: In-room high speed internet access; self-parking; local and 1-800 calls; access to fitness center and pools.

For more information about the SAAS meetings, see: <http://www.saasinc.org/2010-Orlando/Main-page.asp>

See <http://www.saasinc.org/2010-Orlando/Misc-Info.asp> for more information about Orlando and its attractions.

MEETING REGISTRATION

The registration fee is **\$120 and \$5 for students**. Students participating in the graduate student paper competition have **free** registration.

The fee allows for attendance at other SAAS meetings.

There are two advance payment options:

- (1) Online with a credit card, at the link at the Southern Division website;
- (2) Send a check and the registration form on page 7 of this newsletter to: c/o Don Ferrin, SD/APS Secretary Treasurer, Dept. of Plant Pathology and Crop Physiology, 302 Life Sciences, Louisiana State University Agricultural Center, Baton Rouge, LA 70803. **Make the check payable to: "APS/SD"**.

The deadline for receiving advance payment is Jan. 29, 2010.

You will be sent an electronic receipt.

At the meeting, you can pay by check (preferred) or cash (not preferred), **BUT NO CREDIT CARDS!**

87TH SDAPS MEETING PROGRAM

Sunday, February 7

- 8:00-3:30 Registration (Palms Ballroom Salon B Foyer)
- 8:30-8:40 Welcome – Robert Kemerait, SDAPS President (Palms Ballroom Salon B)
- SYMPOSIUM: “The Enemy Within: Current Status and Future Outlook for Diseases Caused by Fastidious Vascular Plant Pathogens”** - Boyd Padgett, SDAPS President-Elect, presiding (Palms Ballroom Salon B)
- 8:40-9:05 “Evolutionary emergence and lineage divergence of phytoplasmas: genomic markers for identification, classification, and taxonomy”. Y. ZHAO, USDA-ARS-Plant Sciences Institute - Molecular Plant Pathology Lab, Bldg 004 BARC-West, 10300 Baltimore Avenue, Beltsville, MD, 20705-0000.
- 9:05-9:30 "Current status and future of HLB." T. GOTTWALD (1), M. Irey (2), A. Bergamin-Filho (3), and R. Bassanezi (4). (1) USDA-ARS, 2001 South Rock Road, Fort Pierce, Florida; (2) Southern Gardens Citrus, US Sugar Corp., Clewiston, Florida; (3) ESALQ, Universidade de São Paulo, Brazil; (4) Fundecitrus, Araraquara, Brazil.
- 9:30-9:55 “Zebra chip of potato: current status and future outlook.” C. M. RUSH, D. Henne and F. Workneh, Texas A&M Agriculture Experiment Station, 2301 Experiment Station Road, PO Box 10, Bushland, TX 79012-0010.
- 9:55- 10:10 **Break**
- 10:10-10:35 “Management strategies for Pierce’s Disease: an increasing threat to grape production in the Southern U.S.” D. HOPKINS, University of Florida, IFAS, 2725 Binion Road, Mid-Florida Research

and Education Center, Apopka, FL 32703-8504.

- 10:35-11:00 “Bacterial leaf scorch of blueberries: a new threat to the southeastern industry.” P.M. BRANNEN (1), L. Nissen (1), T. Denny (1), C.J. Chang (2), and M. Tertuliano (3). (1) Department of Plant Pathology, University of Georgia, Athens, GA (2) Department of Plant Pathology, University of Georgia, Griffin, GA (3) Department of Entomology, University of Georgia, Tifton, GA.
- 11:00-11:30 Discussion
- STUDENT PRESENTATIONS** – Kenneth Seebold, SDAPS Past-President, presiding (Palms Ballroom Salon B)
- 11:30-11:45 Comparison of seed treatments for control of soybean seedling diseases in field soil at three temperatures. **K. E. Urrea**, J. C. Rupe and C. S. Rothrock, Department of Plant Pathology, University of Arkansas, Fayetteville, AR.
- 11:45-12:00 Redbud yellow ringspot disease: thirty years of research. **A. G. Laney**, I. E. Tzanetakis and R. C. Gergerich. Department of Plant Pathology, University of Arkansas, Fayetteville, AR.
- 12:00-1:00 **Lunch** (on your own)
- STUDENT PRESENTATIONS** – Kenneth Seebold, SDAPS Past-President, presiding (Palms Ballroom Salon B)
- 1:00-1:15 Comparative evaluation of the survivability of *Acidovorax avenae* subsp. *citruilli* in stored seeds. **B. Dutta** and R. Walcott, Department of Plant Pathology, University of Georgia, Athens, GA.
- 1:15-1:30 Evaluation of *Pasteuria usage* as a biological control of sting nematode (*Belonalaimus longicaudatus*). **J. H. Campbell**, J. L. Starr and K. L. Ong. Department of Plant Pathology & Microbiology, Texas A&M University, College Station, TX.

1:30-1:45	Effect of temperature on latent period of <i>Stagonospora nodorum</i> blotch on winter wheat under field conditions. A. D. Zearfoss (1), C. Cowger (1,2) and P. S. Ojiambo (1). (1) Department of Plant Pathology and (2) USDA-ARS, North Carolina State University, Raleigh, NC 27695.	Jackson (2), M. Jia (2), R. Fjellstrom (2) and R. Cartwright (1), (1) University of Arkansas, Cell and Molecular Biology Program, Fayetteville, AR 72701, (2) USDA-ARS, Dale Bumpers National Rice Research Center, Stuttgart, AR 72160.
1:45-2:00	Quantitative modeling of the effects of temperature and wetness duration on germination and infection of cantaloupe by <i>Pseudoperonospora cubensis</i> . K. N. Neufeld and P. S. Ojiambo. Department of Plant Pathology, North Carolina State University, Raleigh NC 27695.	3:15-3:30 Effect of southern root-knot nematode (<i>Meloidogyne incognita</i>) on cotton growth, yield and fiber quality. P. Lu (1), R. C. Kemerait (1), C. D. Perry (1) and R. F. Davis (2), (1) University of Georgia, Tifton, GA, (2) USDA-ARS, Tifton, GA.
2:00-2:15	Histopathology of ‘rapid blight’, a disease caused by <i>Labyrinthula terrestris</i> on cool-season turfgrasses. K. K. Yadagiri and J. L. Kerrigan, Dept of Entomology, Soils, and Plant Sciences, Clemson University, Clemson, SC 29634.	3:30-3:45 Etiology of zoysiagrass diseases in northwest Arkansas. T. N. Spurlock and E. A. Milus, Department of Plant Pathology, University of Arkansas, Fayetteville, AR.
2:15-2:30	Screening Gulf Coast forest species for susceptibility to <i>Phytophthora ramorum</i> . J. A. Preuett (1), D. J. Collins (1), T. L. Widmer (2) and D. G. Luster (2). (1) Southern University and A&M College, Urban Forestry Program, Baton Rouge, LA, (2) USDA/ARS Foreign Disease-Weed Science Research Unit, Fort Detrick, MD.	4:00-6:00 SAAS Opening and General Session (Jasmine)
2:30-2:45	Break	6:00–10:00 SAAS Reception (Poolside Pavilion / Gardenroom)
2:45-3:00	Effect of cotton cultivar selection on soil populations of <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> . S. Chawla (1), J. E. Woodward (2) and T. Wheeler (3), (1) Department of Plant and Soil Science, Texas Tech University, Lubbock, TX, 79409, (2) Texas Tech University, Lubbock, TX, 79409 & Texas AgriLife Extension Service, Texas A&M System, Lubbock, TX, 79403, (3) Texas AgriLife Research, Texas A&M System, Lubbock, TX, 79403.	6:00-7:00 SDAPS Executive Committee Meeting (Executive Boardroom)
3:00-3:15	Characterization of rice blast resistance gene <i>Pi-z(t)</i> in rice germplasm using DNA markers and pathogenicity assays. M. Roy-Chowdhury (1), Y. Jia (2), A.	

Monday, February 8

8:00-11:30	Registration (Palms Ballroom Salon B Foyer)
8:45	Announcements – Robert Kemerait, SDAPS President (Palms Ballroom Salon B)
	CONTRIBUTED PAPERS – David Langston, SDAPS Vice-President, presiding (Palms Ballroom Salon B)
8:45-9:00	Development of a screening protocol for assessing baseline sensitivity to fungicides for <i>Phakopsora pachyrhizi</i> , the soybean rust pathogen. N. A. Ward, R. W. Schneider , C. G. Giles and C. L. Robertson, Department of Plant Pathology & Crop Physiology, Louisiana State University Agricultural Center, Baton Rouge, LA.

9:00-9:15	Baseline sensitivity to fluopicolide in <i>Phytophthora capsici</i> isolates from the eastern United States. A. P. Keinath (1), E. Fillippeli (1), M. K. Hausbeck (2) and C. Kousik (3), (1) Clemson Coastal REC, Charleston, SC, (2) Michigan State University, East Lansing, MI, (3) USDA, ARS, Charleston, SC.	(2) and L. Yuan (1), (1) Central South University, Changsha, P.R. China, (2) Dale Bumpers National Rice Research Center, Stuttgart AR, USA.
9:15-9:30	Occurrence of boscalid-insensitive isolates of <i>Didymella bryoniae</i> in commercial watermelon fields in South Carolina. A. P. Keinath and E. Fillippeli, Clemson Coastal REC, Charleston, SC.	11:15-11:30 Yield loss associated with sheath blight disease of rice. C. A. Hollier (1) and D. E. Groth (2), (1) Department of Plant Pathology and Crop Physiology, LSU Agricultural Center, Baton Rouge, LA, (2) Rice Research Station, LSU Agricultural Center, Crowley, LA.
9:30-9:45	Efficacy of fungicides applied in furrow for peanut disease control. T. B. Brenneman and J. Augusto, Department of Plant Pathology, University of Georgia, Tifton, GA 31794.	11:30-11:45 Cellular mechanisms that indicate needle health of seedlings of loblolly pines. C. Walkinshaw , USDA Forest Service, Pineville, LA.
9:45-10:00	Implications of fungicide application timings and irrigation on disease control and peanut yield. J. Augusto and T. Brenneman, Department of Plant Pathology, University of Georgia, Tifton, GA 31794.	11:45-1:15 Lunch (on your own)
10:00-10:15	Effects of chlorothalonil and dodine applied alone and in combination with systemic fungicides on late leaf spot of peanut. A. K. Culbreath , T. B. Brenneman and R. C. Kemerait, University of Georgia, Tifton, GA.	11:45-1:15 Graduate Student Luncheon by invitation only (Cedar/Marathon)
10:15-10:30	Break	CONTRIBUTED PAPERS – Boyd Padgett, SDPAS President-Elect, presiding (Palms Ballroom Salon B)
10:30-10:45	Efficacy of strobilurin fungicides and host resistance for control of gray leaf spot of corn. M. A. Newman , University of Tennessee, Jackson, TN.	1:15-1:30 Components of resistance to <i>Cercospora arachidicola</i> in medium maturity peanut varieties with moderate early leaf spot resistance in the field. E. G. Cantonwine (1), A. K. Culbreath (2), D. Baskin (1) and D. Murphy (1), (1) Valdosta State University, Valdosta, GA, (2) University of Georgia, Tifton, GA.
10:45-11:00	MeloCon WG [®] and SoilGard 12G [®] used in a program as a methyl bromide alternative to control nematodes and soil borne diseases in fruiting vegetables. H. B. Highland , Certis USA, 1069 Eisenhower Dr., Nokomis, FL.	1:30-1:45 Pod yield of peanut breeding lines from fields infested with <i>Sclerotinia minor</i> or <i>Verticillium dahlia</i> . J. E. Woodward (1), M. R. Baring (2), C. E. Simpson (3) and T. A. Baughman (4), (1) Texas AgriLife Extension Service Lubbock, TX, (2) Texas AgriLife Research College Station, TX, (3) Texas AgriLife Research Stephenville, TX, (4) Texas AgriLife Extension Service Vernon, TX.
11:00-11:15	Characterization of interacting genes with the rice blast fungus avirulence gene <i>AVR-Pita</i> . J. Xing (1), S. Lee (2), Y. Jia	1:45-2:00 Genetic diversity of the <i>Sclerotinia homoeocarpa</i> population in Florida. D. Liberti , G. T. Cooper, J. A. Rollins and P. F. Harmon, University of Florida, Plant Pathology Department, Gainesville, FL.

2:00-2:15 Epidemiology of soybean rust in soybean sentinel plots in Florida. **H. M. Young** (1), J. J. Marois (1), D. L. Wright (1), D. F. Narváez (2) and G. K. O'Brien (1), (1) University of Florida, NFREC, Quincy, FL, (2) Monsanto Co., St. Louis, MO.

2:15-2:30 **Break**

2:30-2:45 **APS Update.** Dr. Barbara Christ, APS President, College of Agricultural Sciences, Pennsylvania State University.

2:45-4:00 **SDAPS Business Meeting,** Robert Kemerait, SDAPS President, presiding (Palms Ballroom Salon B)

6:00-9:00 **SDAPS Social (cash bar), Banquet, and Southern Division deBary Bowl** (Jasmine)

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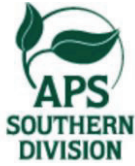
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SDAPS DUES

SDAPS dues are \$5.00 for members and associate members (excluding retired plant pathologists who are considered honorary members) and \$3.00 for student members. Dues may be sent to the SDAPS Secretary/Treasurer or paid with your APS dues.



Southern Division

of the American Phytopathological Society

87TH SDAPS Meeting Registration Form

February 7-8, 2010

Orlando, FL

Remit to:
C/o: Don Ferrin
SDAPS Secretary-Treasurer
Dept. Plant Pathology & Crop
Physiology
302 Life Sciences
Louisiana State University Agricultural
Center
Baton Rouge, LA 70803

Phone: (225) 578-8537
FAX: (225) 578-1415

Name: _____

Address: _____

Phone: _____

E-mail: _____

REGISTRATION FEES:

\$120 - REGULAR

\$5 - STUDENT

AMOUNT REMITTED: _____ MAKE CHECK PAYABLE TO "APS/SD"