


PROGRAM GUIDE

2011 APS • IPPC
Joint Meeting
August 6–10
Honolulu, Hawaii



*Implementing Change
for Plant Protection*



Why do we invest more than the industry
average in R&D every year?

Because innovation should never rest.

A lot of companies say they're dedicated to bringing innovative solutions to growers, but BASF truly delivers. We invest more of our annual sales in R&D than the industry average. It's a commitment to making sure our people and the tools we provide for them are the most advanced in the business. This commitment drives us to bring forth industry-leading solutions such as **Headline**® fungicide, **Headline AMP**™ fungicide, **Pristine**® fungicide, **Intrinsic**™ brand fungicides and, coming soon, the newest innovation — **Xemium**® fungicide. And it's this commitment that will help us roll out 28 more cutting-edge products over the next four years. And why we'll continue developing innovative solutions in the years to come.

To learn more about BASF innovations, stop by the BASF booth.

 **BASF**

The Chemical Company

WELCOME

Welcome to the 2011 APS-IPPC Joint Meeting in Honolulu, Hawaii!

Introducing a NEW look! Based on the success of this print piece last year, APS has expanded the contents and added more note pages at the back. The format of the **former program book has been changed to a resource guide** that provides session and poster content, exhibitor information, and recognition.

We hope you find these new formats a convenient way to navigate the annual meeting. APS would like to thank BASF Corporation for their contribution to making this guide possible!

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GENERAL INFORMATION



HAWAII TOURISM AUTHORITY/RON DAHLQUIST

New Mobile App – Now Available...App into the 2011 Joint Meeting! *Connect now!*

APS is introducing our mobile app for the 2011 APS-IPPC Joint Meeting. This app is available for iOS (iPhone and iPad) and Android devices. Blackberry users have access to a mobile website that will offer the same functionality.

The new app allows you to:

- Access general meeting information and maps
- View program schedule
- Gather information about sessions and speakers, and posters
- Create a personal schedule of people to meet, exhibitors to see, and sessions to attend

Get the app...it's **FREE!** Search the app store for APS 2011; blackberry users go to mobileapp.apsnet.org

Registration Hours

Kamehameha Hall III Lobby

Saturday, August 6	12:00 – 6:00 p.m.
Sunday, August 7	7:00 a.m. – 6:30 p.m.
Monday, August 8	7:00 a.m. – 4:30 p.m.
Tuesday, August 9	7:00 a.m. – 1:00 p.m.
Wednesday, August 10	7:30 a.m. – 1:00 p.m.

Exhibit and Poster Hours

Kamehameha Hall III

Sunday, August 7

8:00 a.m. – 3:00 p.m.	Exhibit Set-Up
12:00 – 3:00 p.m.	Poster Set-Up
4:30 – 6:30 p.m.	Welcome Reception with Exhibition
4:30 – 8:00 p.m.	Poster Viewing

Monday, August 8

7:30 a.m. – 8:00 p.m.	Poster Viewing
11:00 a.m. – 1:00 p.m.	Exhibits Open
3:00 – 7:00 p.m.	Exhibits Open
3:30 – 8:00 p.m.	Poster Viewing
4:00 – 5:30 p.m.	Poster Authors Present— even-numbered posters
5:30 – 7:00 p.m.	Poster Authors Present— odd-numbered posters

Tuesday, August 9

7:30 – 9:00 a.m.	Coffee with the Exhibitors
7:30 – 11:30 a.m.	Exhibits Open
7:30 a.m. – 8:00 p.m.	Poster Viewing
12:00 – 3:00 p.m.	Exhibit Take-Down

Wednesday, August 10

8:00 – 10:00 a.m.	Exhibit and Poster Take-Down
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Concession Service Available

A variety of breakfast items, beverages, snacks, and lunches (hot and cold entrees) will be available for purchase at the convention center during the meeting on the 3rd floor.

Sunday, August 7	8:00 a.m.–2:00 p.m.
Monday, August 8	7:00 a.m.–3:00 p.m.
Tuesday, August 9	7:00 a.m.–1:00 p.m.
Wednesday, August 10	8:00 a.m.–3:00 p.m.

Lunch service begins at 10:30 a.m. daily.

2011 Abstracts—Available Online and at Printing Stations

Abstracts will **NOT** appear in printed form at the meeting. Searchable abstracts are available at www.apsnet.org/meet and abstract printing stations are available in the exhibit hall and in the meeting room area for your convenience.

Have a Job Opening? Looking for a Position?

The meeting is a perfect place for job networking. Post copies of your job/candidate information on the Job Board by registration. A one-on-one opportunity is available on Monday, August 8, during the Early Career Professionals Social, where candidates can hear first-hand from employers about various opportunities. Don't forget, the APSnet Job Center provides access to the most recent jobs and candidates year-round.

Be. Grow. Give with the APS Foundation

Check out the newly designed APS Foundation booth in the registration area, where donations are creating possibilities for plant pathology! Back by popular demand; buy your raffle ticket for a chance to win either a new Apple iPad or a Kindle eReader! The drawing will take place at 10:00 a.m. on Wednesday, August 10. Winners do not need to be present to win. All proceeds will support the APS Foundation Endowment.



Growing Global Awareness One Bid at a Time!

What will you bid on during the 2011 OIP Silent Auction? This unique fundraising event includes hand-picked items from across the globe. Stop by anytime on Sunday, August 7, from 12:00 to 6:00 p.m. Support the OIP Global Experience Program!



Connect with Your Colleagues on the Happenings in Honolulu

A world-class meeting like this is exciting; connect and share your experience. Tweet using the hashtag #apsippc11, upload videos to www.youtube.com/plantdisease, or visit the APS Facebook page to create discussions, share photos, make comments, and post videos.

See What's New and On Sale in the APS PRESS Bookstore!

Check out new APS PRESS books from Rick Latin and Frank Dugan and a dozen other new titles in plant pathology. Shop early for best selection on all the new t-shirts this year; including a tee to bring home to a budding "Future Plant Pathologist." If you have a book idea, APS PRESS wants to hear about it and can help you publish your passion. While visiting the APS PRESS Bookstore, ask how the Compendium of Plant Disease Series is getting "smarter" in 2011.



Open Meeting Room

A small meeting room is available for use throughout the meeting at the convention center and at the Hilton Hawaiian Village. To check availability and location and to reserve a room, stop by the meeting Registration Desk.

Photo Release

Photographs will be taken during the meeting. By registering for this meeting, you agree to allow APS and IAPPS to use your photo in any of their publications or on their websites.

Dress

The official dress for the meeting is business casual.

Meeting Facilities

Hawaii Convention Center

1801 Kalakaua Avenue, Honolulu, HI 96815-1513
808.943.3500

Hilton Hawaiian Village

2005 Kalia Road, Honolulu, HI 96815
808.949.4321

DoubleTree by Hilton Alana Waikiki

1956 Ala Moana Blvd., Honolulu, HI 96815
808.941.7275

HAWAII TOURISM AUTHORITY



MEETING HOTELS AND CONVENTION CENTER



Directions to the Hawaii Convention Center from Joint Meeting Hotels

From the Hilton Hawaiian Village

Shortest walk: Take 'Ena Rd. to Kalakaua Avenue and go left.
Stay on Kalakaua Avenue until you reach Kapi'olani Blvd. and go left.

For a longer stroll: Take Ala Moana Blvd. to Atkinson Dr. and go right.

From the Double Tree Hotel

Take Kalakaua Avenue to Kapi'olani Blvd. and go left.

DAILY MEETING SCHEDULE AND SESSIONS

The joint meeting takes place at the Hawaii Convention Center unless otherwise noted.

■ SATURDAY, AUGUST 6

3:30 a.m. – 9:45 p.m.	Field Trip: Application of Biotechnology to Meet the Challenges of Crop Production in the Tropics	Offsite
6:45 a.m. – 9:15 p.m.	Field Trip: Fruit, Vegetable, and Ornamental Field Tour	Offsite
7:30 a.m. – 4:00 p.m.	Workshop: DNA-Based Pathogen Detection Methods: <i>Ralstonia solanacearum</i> , A Case Study	Offsite
8:00 a.m. – 12:00 p.m.	Workshop: KNOw New Pathogens: Why and How (Improving Infrastructure and Capacity to Predict, Detect, and Respond to New Pest Introductions)	S. Pacific 2, Hilton
8:00 a.m. – 4:00 p.m.	IPM CRSP Meeting	308 B
8:00 a.m. – 4:30 p.m.	Field Trip: Turfgrass Field Tour	Offsite
8:00 a.m. – 5:30 p.m.	Field Trip: Pre- and Postharvest Diseases of Tropical Fruit	Offsite
8:00 a.m. – 6:00 p.m.	Field Trip: Tropical Forest Pathology	Offsite
8:30 a.m. – 12:30 p.m.	CGIAR SP-IPM Strategy Meeting	308 A
10:00 a.m. – 12:00 p.m.	APS Office of International Programs (OIP) Board Meeting	302 A
10:00 a.m. – 1:00 p.m.	Leadership Opportunity: Start with Talent, Finish with Strength Workshop, <i>sponsored by Monsanto</i>	S. Pacific 4, Hilton
12:00 – 3:00 p.m.	APS PRESS Board Meeting	302 B
12:00 – 6:00 p.m.	Registration	Main Lobby
1:00 – 3:30 p.m.	Workshop: Coordinated Agricultural Projects: Making CAPs Work for You!	S. Pacific 1, Hilton
1:00 – 4:00 p.m.	Workshop: Contemporary Methods in Population Genetics for Plant Pathology	304 A
1:00 – 4:00 p.m.	Workshop: Microbial Collections: Practice and Management	304 B
3:00 – 4:30 p.m.	APS Committee Chair/Vice Chair Orientation	321 AB
3:30 – 6:00 p.m.	APS Publications Board Meeting	302 B
4:00 – 6:00 p.m.	Microbial Forensics Interest Group	305 B
4:30 – 5:30 p.m.	First Timers' Orientation	301 B
5:00 – 6:30 p.m.	APS PDMR Editors' Meeting	S. Pacific 1, Hilton
5:30 – 8:30 p.m.	IPM for Feed the Future Workshop	S. Pacific 3, Hilton
6:30 – 8:00 p.m.	Committee Meetings	
	• Bacteriology Committee	303 B
	• Chemical Control Committee	302 B
	• Crop Loss Assessment and Risk Evaluation (CARE)	302 A
	• Diseases of Ornamental Plants Committee	305 A
	• Early Career Professionals Committee	308 A
	• Forest Pathology Committee	307 A
	• Genetics Committee	308 B
	• Graduate Student Committee	321 AB
	• Molecular and Cellular Phytopathology Committee	317 A
	• Mycology Committee	304 A
	• Plant Pathogen and Disease Detection Committee	301 B
	• Teaching Committee	304 B
8:00 – 9:30 p.m.	Committee Meetings	
	• Biotechnology Committee	302 A
	• Collections and Germplasm Committee	303 B
	• Committee for Diversity and Equality	317 A
	• Diagnostics Committee	317 B

continued

DAILY MEETING SCHEDULE AND SESSIONS

■ SATURDAY, AUGUST 6 (*continued*)

• Emerging Diseases and Pathogens Special Committee, <i>by invitation</i>	321 AB
• Integrated Plant Disease Management Committee	305 A
• Pathogen Resistance Committee	308 B
• Phyllosphere Microbiology Committee	307 A
• Postharvest Pathology Committee	301 B
• Regulatory Plant Pathology Committee	304 A
• Tropical Plant Pathology Committee	304 B
• Vector-Pathogen Complexes Committee	305 B

■ SUNDAY, AUGUST 7

See Program Resource Book for Special and Technical Session Presentations.

7:00 – 8:30 a.m.	APS Auxiliary Meetings Board Breakfast	305 A
7:00 – 9:00 a.m.	APSnet Education Center Editorial Board Meeting	Sea Pearl 3, Hilton
7:00 – 9:00 a.m.	Vegetable Extension & Research Plant Pathologist' Breakfast, <i>by invitation</i>	306 A
7:00 a.m. – 6:30 p.m.	Registration	Main Lobby
8:00 – 8:30 a.m.	Moderator Orientation	317 A
8:00 – 9:00 a.m.	APS <i>Phytopathology</i> Senior Editors' Meeting	S. Pacific 1, Hilton
8:00 – 9:00 a.m.	APS <i>Plant Disease</i> Senior Editors' Meeting	S. Pacific 2, Hilton
8:00 – 10:00 a.m.	Awards & Honors Committee Meeting, <i>by invitation</i>	303 B
8:00 a.m. – 3:00 p.m.	Exhibit Set-Up	Hall III
8:30 – 10:00 a.m.	Committee Meetings	
	• Biological Control Committee	321 A
	• Epidemiology Committee	305 B
	• Extension Committee	318 AB
	• Host Resistance Committee	321 B
	• Industry Committee	326 AB
	• Mycotoxicology Committee	325 AB
	• Nematology Committee	317 B
	• Seed Pathology Committee	324
	• Soil Microbiology and Root Diseases Committee	323 A
	• Turfgrass Pathology Committee	307 A
	• Virology Committee	323 C
9:00 – 10:00 a.m.	IAPPS Opening General Session and Awards Ceremony	316 A
9:00 – 10:00 a.m.	APS <i>Phytopathology</i> Editorial Board Meeting	S. Pacific 1, Hilton
9:00 – 10:00 a.m.	APS <i>Plant Disease</i> Editorial Board Meeting	S. Pacific 2, Hilton



10:30 a.m. – 12:00 p.m.	APS Opening General Session and Awards & Honors Ceremony	Ballroom AB
12:00 – 1:00 p.m.	Lunch Break (<i>with concessions</i>)	
12:00 – 1:30 p.m.	Widely Prevalent Fungi Working Group	307 A
12:00 – 2:00 p.m.	APS Division Officers' Luncheon	305 B
12:00 – 3:00 p.m.	Poster Set-Up	Hall III
12:00 – 6:00 p.m.	APS-OIP Silent Auction	Main Lobby
12:15 – 3:00 p.m.	PMN Oversight Committee Meeting, <i>by invitation</i>	305 A
	Special Sessions	
1:00 – 4:00 p.m.	• The Developing Crisis, International Movement of Insects and Pathogens in Commercial Trade	316 A
1:00 – 4:00 p.m.	• International Perspectives on IPM Education for Advancing Sustainable Agricultural Systems	325 AB
1:00 – 4:00 p.m.	• Management of Insect-Transmitted Plant Virus Diseases in the Tropics	323 B
1:00 – 4:00 p.m.	• Omics Approaches for the Characterization of Interactions Between Human Enteric Pathogens and Plants: A Plant Pathologists Perspective	319 AB
1:00 – 4:00 p.m.	• Phytopathological Phreakonomics	323 A
1:00 – 4:00 p.m.	• Plant Protection and Food Security in a Changing World	324
1:00 – 4:00 p.m.	• Why Care About Crop Loss? Impacts on Science, Production, and Society	318 AB
	Technical Sessions	
1:00 – 4:00 p.m.	• New and Emerging Pests and Diseases	317 A
1:00 – 4:00 p.m.	• Plant-Fungal Interactions	323 C
1:00 – 4:15 p.m.	• PDM Chemical and Biological Control	317 B
2:00 – 4:00 p.m.	APS Nominations Committee Meeting	303 B
3:00 – 4:00 p.m.	PMN Plant Health Progress Editorial Board Meeting, <i>by invitation</i>	305 A
3:00 – 5:00 p.m.	IAPPS Governing Board Meeting	307 A
4:00 – 4:45 p.m.	University Alumni Socials	313 ABC
	• Cornell University	
	• Iowa State University	
	• Louisiana State University	
	• Michigan State University	
	• North Carolina State University	
	• Ohio State University	
	• Old West Trails	
	• Oregon State University	
	• Penn State University	
	• Purdue University	
	• University of Arkansas	

continued



DAILY MEETING SCHEDULE AND SESSIONS

■ SUNDAY, AUGUST 7 *(continued)*

	<ul style="list-style-type: none"> • University of California, Davis • University of Florida • University of Georgia • University of Hawaii • University of Illinois • University of Minnesota • Washington State University 	
4:30 – 6:30 p.m.	APS PRESS Bookstore	Hall III
4:30 – 6:30 p.m.	Welcome Reception with Exhibition and Posters	Hall III
4:30 – 8:00 p.m.	Extended Time! Poster Viewing	Hall III
6:15 – 9:30 p.m.	Industry & Extension Social — Ali‘I Kai Catermaran, Evening Sunset Sail Dinner (<i>buses depart from the main entrance to the convention center, plan to arrive a minimum of 15 minutes prior to time listed</i>)	Off site
6:30 – 8:30 p.m.	Leadership Opportunity: Committee for Diversity and Equality presents CULTURE SHOCK 101 and Social	306 A

■ MONDAY, AUGUST 8

See Program Resource Book for Special and Technical Session Presentations.

6:30 – 8:00 a.m.	Extension Plant Pathologists Breakfast	316 B
7:00 – 9:00 a.m.	IAPPS Governing Board Meeting	307 A
7:00 – 11:00 a.m.	APS Public Policy Board Meeting	321B
7:00 a.m. – 4:30 p.m.	Registration	Main Lobby
7:30 a.m. – 8:00 p.m.	Poster Viewing	Hall III
	Special Sessions	
8:30 – 10:00 a.m.	• IPM and Biological Control of Insect Pests, Plant Pathogens, and Invasive Weeds in the Pacific Islands: Where Are We Heading?	325 AB
8:30 – 11:00 a.m.	• Schroth Faces of the Future in Nematology	323 C
8:30 – 11:30 a.m.	• Biology and Molecular Biology of Closteroviruses	323 A
8:30 – 11:30 a.m.	• International Mycotoxin Issues in a Changing World	316 A
8:30 – 11:30 a.m.	• Invasive Weeds as a Threat to Agriculture and Human Health	324
8:30 – 11:30 a.m.	• Laboratory Methods for Detecting and Characterizing Fungicide Resistance	319 AB
8:30 – 11:30 a.m.	• What Else Is There? New Genes, Metabolites, and Regulatory Pathways Involved in Biocontrol by Bacteria	318 AB
	Technical Sessions	
8:30 – 11:30 a.m.	• Epidemiology—Biology of Pathogens	317 A
8:30 – 11:45 a.m.	• Detection and Diagnosis of Plant Diseases	323 B
8:30 – 11:45 a.m.	• Fungicide Resistance and Efficacy	317 B
9:00 – 11:00 a.m.	APS Affiliates' Meeting	305 B
9:00 a.m. – 7:00 p.m.	APS PRESS Bookstore	Hall III
10:30 – 11:30 a.m.	APS Leadership Institute Committee Meeting	305 A
11:00 a.m. – 1:00 p.m.	Exhibits Open	Hall III
11:30 a.m. – 1:00 p.m.	Graduate Student & Industry Lunch	316 B

11:30 a.m. – 1:00 p.m.	Lunch Break (<i>with concessions</i>)	
11:30 a.m. – 1:00 p.m.	APS Pacific Division Lunch Meeting	316 C
11:30 a.m. – 1:00 p.m.	Curcubit Downey Mildew ipmPIPE Luncheon	307 A
11:30 a.m. – 1:00 p.m.	Past Presidents' Lunch, by invitation	303 B
11:30 a.m. – 1:00 p.m.	Storkan-Hanes-McCaslin Research Foundation Luncheon	306 A
11:45 a.m. – 12:45 p.m.	USDA-ARS Meeting	308 AB
1:00 – 3:30 p.m.	Plenary Session: Implementing Change: Meeting Global Plant Protection Challenges	Ballroom AB
3:00 – 7:00 p.m.	Exhibits Open	Hall III
3:30 – 4:30 p.m.	APS PRESS Book Signing Event - Meet Rick Latin, author of the new bestselling <i>Practical Guide to Turfgrass Fungicides</i>	Hall III
3:30 – 5:00 p.m.	APS Divisional Forum	305 A
3:30 – 5:00 p.m.	Diagnostics Working Group	308 AB
3:30 – 6:00 p.m.	APS Office of Industry Relations (OIR) Board Meeting	305 B
3:30 – 8:00 p.m.	Extended Time! Poster Viewing	Hall III
	<i>4:00 – 5:30 p.m., even-numbered poster authors present</i>	
	<i>5:30 – 7:00 p.m., odd-numbered poster authors present</i>	
6:30 – 8:30 p.m.	Early Career Professionals' Social with Employer Networking Opportunity	308 AB
6:30 – 8:30 p.m.	Graduate Student Social	316 C
7:00 – 8:00 p.m.	APS Journal Senior Editors' Reception, <i>by invitation</i>	321 A
7:00 – 10:00 p.m.	Ornamental Discussion Group	S. Pacific 1, Hilton

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DAILY MEETING SCHEDULE AND SESSIONS

■ TUESDAY, AUGUST 9

See Program Resource Book for Special and Technical Session Presentations.

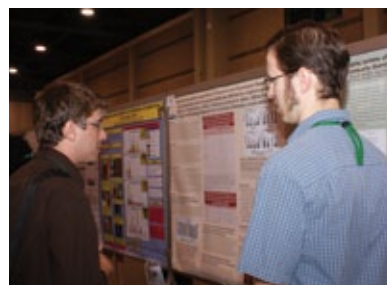
7:00 – 8:30 a.m.	APS Sustaining Associates' Breakfast, by invitation	321 A
7:00 – 9:00 a.m.	APS Annual Meeting Board Meeting	305 A
7:00 – 9:00 a.m.	IAPPS Governing Board Meeting	307 A
7:00 a.m. – 12:00 p.m.	Department Heads' Breakfast	S. Pacific 3, Hilton
7:00 a.m. – 12:00 p.m.	APS Foundation Board Meeting, by invitation	303 B
7:00 a.m. – 1:00 p.m.	Registration	Main Lobby
7:30 – 9:00 a.m.	Small Fruit Diseases Workers' Discussion	308 AB
7:30 – 11:30 a.m.	Exhibits Open	Hall III
	<i>7:30 – 9:00 a.m., Coffee with the Exhibitors</i>	
7:30 a.m. – 4:30 p.m.	APS PRESS Bookstore	Hall III
7:30 a.m. – 8:00 p.m.	Extended Time! Poster Viewing	Hall III
	Special Sessions	
8:30 – 11:30 a.m.	• 11th I. E. Melhus Graduate Student Symposium: “Today's Students Making a Difference in Plant Disease Epidemiology and Disease Management”	323 C
8:30 – 11:30 a.m.	• Ag and Food Biosecurity: A Decade of Progress and Reality	316 A
8:30 – 11:30 a.m.	• Challenges to the Production and Distribution of Quality Planting Materials, Seed, and Seed Systems for Farmers in Developing Countries	318 AB
8:30 – 11:30 a.m.	• Fungal Comparative Genomics and the Impact of Next Generation Sequencing	323 A
8:30 – 11:30 a.m.	• New Products and Services	323 B
8:30 – 11:30 a.m.	• Using Translational Biotechnology to Deploy Disease Resistance Traits in Crop Plants	319 AB
8:30 – 11:45 a.m.	• Innovative Chemical and Biological Approaches to Plant Protection	324
	Technical Sessions	
8:30 – 11:30 a.m.	• IPM	317 A
8:30 – 11:30 a.m.	• Microbial Ecology and Biological Control	325 AB
8:30 – 11:30 a.m.	• Molecular Biology of Plant Viruses	317 B
11:30 a.m. – 1:00 p.m.	Lunch Break (<i>with concessions</i>)	
12:00 – 1:00 p.m.	APHIS Widely Prevalent Bacteria Committee Meeting, by invitation	307 A
12:00 – 3:00 p.m.	Exhibit Take-Down	Hall III
	Open Afternoon to Participate in Organized Field Trips (<i>all field trips depart from main entrance of the convention center, plan to arrive a minimum of 15 minutes prior to scheduled time listed</i>)	
12:00 – 6:30 p.m.	• North Shore Field Trip to Waimea Valley	
12:00 – 6:45 p.m.	• Diversified Agriculture of Central Oahu Field Trip	
12:30 – 4:30 p.m.	• Rainforest Hike Field Trip	
12:30 – 6:15 p.m.	• Watershed Walk – Heeia Field Trip	
12:30 – 6:45 p.m.	• Hawaiian Environment from a Hawaiian Perspective Field Trip	
1:00 – 4:30 p.m.	• Nalo Farms Field Trip	
1:00 – 5:00 p.m.	• Bishop Museum Behind-the-Scenes Field Trip	
1:00 – 5:00 p.m.	• Lyon Arboretum and Botanical Garden Field Trip	
1:00 – 5:15 p.m.	• Botanical Gardens Old and New Field Trip	
1:00 – 7:30 p.m.	Hawaiian Fungal Foray (APS member-organized field trip)	

■ WEDNESDAY, AUGUST 10

See Program Resource Book for Special and Technical Session Presentations.

7:00 – 8:30 a.m.	Food Safety Working Group	S. Pacific 2, Hilton
7:00 – 9:00 a.m.	IAPPS Governing Board Meeting	307 A
7:30 a.m. – 1:00 p.m.	Registration	Main Lobby
8:00 – 10:00 a.m.	Exhibit Take-Down	Hall III
8:00 – 10:00 a.m.	Poster Take-Down	Hall III
8:00 – 10:00 a.m.	APS Office of International Programs (OIP) Board Meeting	321 B
8:00 – 11:00 a.m.	APS PRESS Bookstore	Hall III
Special Sessions		
8:30 – 11:30 a.m.	• Better Use of Entomopathogenic Microbes in IPM	323 C
8:30 – 11:30 a.m.	• Crop Health Management for Food Safety and Agroecosystem Health in Developing Countries	319 AB
8:30 – 11:30 a.m.	• Current Advances of Molecular Plant Pathology in China	323 A
8:30 – 11:30 a.m.	• Pesticide Resistance in Agriculture—A Global Issue	316 A
8:30 – 11:30 a.m.	• Tropical Forest Pathology	317 A
8:30 – 11:45 a.m.	• New and Emerging Technologies in Turfgrass Disease Management	324
8:30 – 11:45 a.m.	• Digital Identification Tools: Their Role in Biosecurity and Pest Management	318 AB
Technical Sessions		
8:30 – 11:00 a.m.	• Induced Plant Response and Disease Resistance	325 AB
8:30 – 11:30 a.m.	• Biology of Plant Pathogens: Fungi	323 B
8:30 – 11:30 a.m.	• Diseases of Horticultural Crops and Forests	317 B

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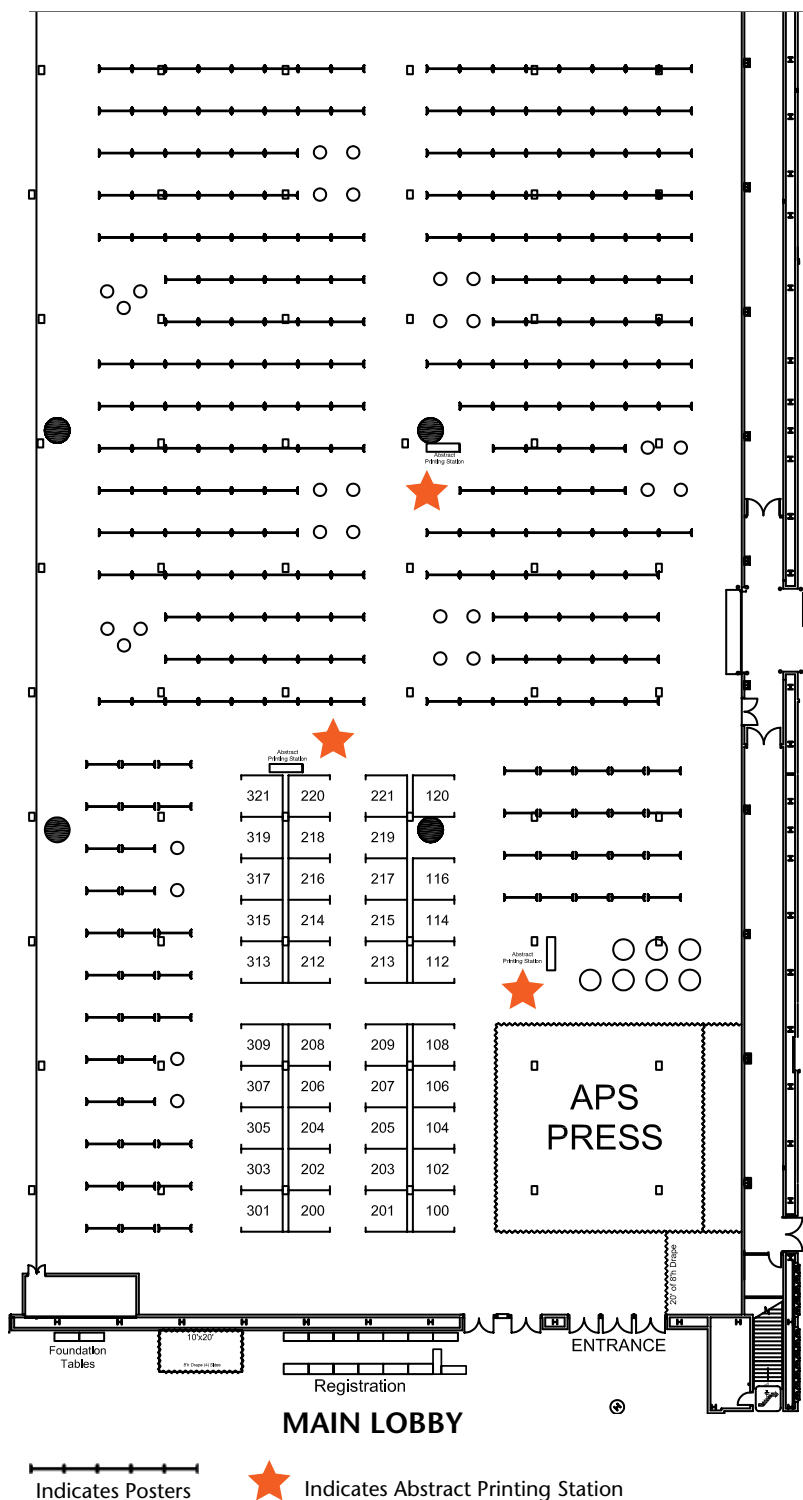
DAILY MEETING SCHEDULE AND SESSIONS

■ WEDNESDAY, AUGUST 10 (*continued*)

9:00 – 11:00 a.m.	APS Membership Forum Meeting	326 AB
9:30 – 11:30 a.m.	APS 2012 Program Planning Meeting	321 A
11:30 a.m. – 1:00 p.m.	Lunch Break (<i>with concessions</i>)	
11:30 a.m. – 1:00 p.m.	APS <i>Phytopathology News</i> Advisory Committee Meeting	Offsite
11:30 a.m. – 2:00 p.m.	APS Council Meeting	Executive Mtg Rm
	Special Sessions	
1:00 – 4:00 p.m.	• Disease Complex Between Nematodes and Other Plant Pathogens	325 AB
1:00 – 4:00 p.m.	• IPM Program for Vegetable Crops in the Tropics and Opportunities for IPM Graduates	324
1:00 – 4:00 p.m.	• MRLs: A Growing Agricultural Export Issue	323 B
1:00 – 4:00 p.m.	• Parasitic Weeds—The Drawback of the Hungry World	316 A
1:00 – 4:00 p.m.	• Role of Fatty Acids and Lipids in Host-Pathogen Interactions	323 A
1:00 – 4:00 p.m.	• Technology Outlook: Detection Innovations and Successes	319 AB
1:00 – 4:00 p.m.	• Wheat Blast—A Potential Threat to Global Wheat Production	323 C
	Technical Sessions	
1:00 – 4:00 p.m.	• Entomology and Insect Vectors	317 B
1:00 – 4:00 p.m.	• Molecular Biology of Bacteria and Nematodes	317 A
1:00 – 4:15 p.m.	• Pathogen Population Genetics	318 AB
1:30 – 4:00 p.m.	APS Office of Public Relations & Outreach (OPRO)	307 A
	Board Meeting	
6:00 – 9:00 p.m.	New Day and Time! Final Night Luau & Polynesian Spectacular	Rooftop, 4th Floor



EXHIBIT HALL III FLOOR PLAN



See Program Resource Book for exhibitor descriptions.

EXHIBITORS

Listed in numerical order.

- 100/201 Agdia, Inc.
- 102 Gylling Data Management Inc.
- 104 AC Diagnostics, Inc.
- 106 Dow AgroSciences LLC
- 108/209 EnviroLogix, Inc.
- 112/213 BASF Corporation
- 114 British Society for Plant Pathology
- 116 Conviron
- 120 Microbiology International
- 200/301 Bayer CropScience
- 202 Environmental Growth Chambers
- 203 Campbell Scientific
- 204 IAPPS
- 205 APS 2012 Annual Meeting
- 206 CABI
- 208/309 Dupont Crop Protection
- 212 Natural Industries
- 214 APS Diagnostics
- 216 APS Office of Public Relations & Outreach (OPRO)
- 218 APS Public Policy Board
- 219 N.A. Cobb Foundation
- 220 Bio Chambers Inc.
- 221 BigC Dino Lite Scopes
- 303 National Plant Diagnostic Network (NPDN)
- 305 BIOREBA AG/Eurofins STA Laboratories
- 307 LemnaTec GmbH
- 313 American Peat Technology LLC
- 315 Percival Scientific, Inc.
- 317 Burkard Manufacturing
- 319 Springer
- 321 Spectrum Technologies, Inc.



POSTER SCHEDULE AND TITLES BY CATEGORY

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POSTER CATEGORIES

Poster Numbers

Biology of Plant Pathogens

Bacteria: Systematics/Evolution/Ecology	1–16
Fungi: Systematics/Evolution/Ecology	17–51
Nematodes: Systematics/Evolution/Ecology	52–57
Phytoplasmas/Spiroplasmas/Fastidious Prokaryotes	58–66
Postharvest Pathology and Mycotoxicology	67–75
Viruses: Systematics/Evolution/Ecology	76–90

Diseases of Plants

Crop Loss Assessment	91–97
Disease Detection and Diagnosis	98–174
Diseases: Cereals, Field, and Fiber Crops	175–225
Diseases: Fruits and Nuts	226–261
Diseases: Ornamentals	262–283
Diseases: Turfgrasses	284–301
Diseases: Vegetables	302–326
Forest Pathology	327–339
Seed Pathology	340–341
Tropical Plant Pathology	342–351

Emerging Pests/Invasive Species

Emerging Pests/Invasive Species	352–356
Insects	357–363
Plant Pathogens	364–397
Weeds	398–399

Entomology

Entomology	400–438
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Epidemiology/Ecology/Environmental Biology of Pathogens

Bacteria	439–454
Biology	455–492
Climate Change	493–497
Ecology	498
Nematodes	499–503
Pathogen: Vector Interactions	504–510
Phyllosphere/Rhizosphere Microbiology and Ecology	511–528
Population Genetics	529–552
Virology	553–557

IPM/Biocontrol/Plant Disease Management (PDM)

Insects/Nematodes	558–578
IPM	579–586
IPM: Biocides and Chemical Control	587–615
PDM: Field and Row Crops	616–630
PDM: Fruits and Nuts	631–682
PDM: GMO	683–688
PDM: Host Resistance	689–693
PDM: Ornamentals	694–696
PDM: Postharvest Diseases	697–703
PDM: Small Grains	704–739
PDM: Soilborne and Seed Diseases	740–762
PDM: Solanaceous Crops	763–792
PDM: Vegetables	793–816
Weeds	817–824

Molecular/Cellular/Plant-Microbe Interactions

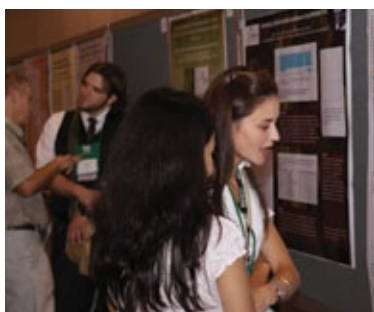
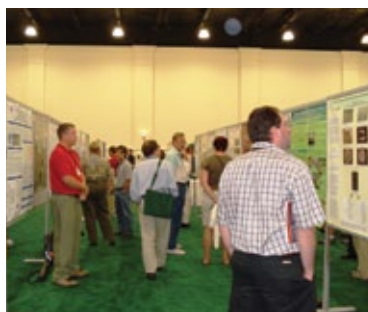
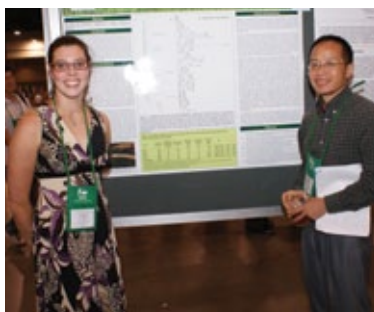
Bacteria	825–879
Fungi	880–961
Nematodes	962–963
Viruses	964–1015

Professionalism/Outreach /Industry/Genetic Engineering

Professionalism/Outreach	1016–1021
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Weed Science

Weed Science	1022–1026
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MEETING HIGHLIGHTS

IAPPS General Session and Awards Ceremony

Sunday, August 7, 9:00 – 10:00 a.m.; Convention Center – 316 A, 3rd floor

APS Opening General Session and Awards & Honors Ceremony

Sunday, August 7, 10:30 a.m. – 12:00 p.m.; Convention Center – Ballroom AB, 4th floor

This is your official welcome to Honolulu, Hawaii! Get together with friends and fellow scientists from around the world as your society recognizes colleagues with awards and honors for their work throughout the year. Hear about accomplishments and goals for the society from your leaders, honor those who have left our ranks in the past year, and learn what to expect at this year's meeting.

Plenary Session

Monday, August 8, 1:00 – 3:30 p.m.; Convention Center – Ballroom AB, 4th floor

Implementing Change: Meeting Global Plant Protection Challenges

This Plenary Session will reflect the breadth and depth of two leading scientific societies that focus on plant health, APS and IAPPS, and will examine issues in research, outreach, education, and funding that are impacting our science and efforts to address societal needs.



Roger Beachy

“Sustainable Production and Protection of Global Agriculture: Advancing Science and Technology Amidst Changes in Climate and Policy”,
Former Director, National Institute of Food and Agriculture, USDA and President Emeritus, Donald Danforth Plant Science Center



Richard Tapia

“Educating America’s Future Educators”,
Director, Center for Excellence and Equity in Education, Rice University, U.S.A.



Elske van de Fliet

“Communicating IPM for Implementation in Farmers’ Fields in Southeast Asia Past Lessons, Future Strategies”,
Co-Director, Center for Communication and Social Change, University of Queensland, Australia



Robert Zeigler

“Trends in Rice Supply and Demand and their Implications for Plant Protection”,
Director General, IRRI, U.S.A.

New Day and Time!

Final Night Luau & Polynesian Spectacular

Wednesday, August 10, 6:00 – 9:00 p.m.; Convention Center – Rooftop, 4th floor

No visit to Hawaii is complete without an opportunity to participate in a Hawaiian luau under the stars! Featuring traditional island food and a Polynesian show of cultural dances, this is an evening you must attend! Ticket to event and drink ticket are included with full registration. *Guests’ tickets are available for purchase at the Registration Desk.*



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