

FPRW 2004

41st Annual Florida Pesticide Residue Workshop

Hilton in the Walt Disney World Resort
Orlando, Florida

July 18-21, 2004

FPRW / FPAC
400 Capital Circle SE, Suite 18, PMB 306
Tallahassee, FL 32301-3839

www.FLworkshop.com

July 18, 2004

Dear Attendee:

Welcome to the 41st Annual Florida Pesticide Residue Workshop.

Join us in Meeting Today's Challenges.

This year's opening session focuses on very broad trends...we begin with a look at the past and attempt to provide a view of the future. You see we are fortunate to have presenters from a variety of pesticide perspectives: manufacturing, using, and regulating. We hope this breadth of topic motivates you to think "outside the box" and consider your own work in more global terms.

Our following sessions then focus more narrowly on present challenges facing the pesticide residue community. In these sessions, we bring you speakers with very practical experience. These are scientists who, in their home laboratories, are tasked with overcoming challenges. They represent state, federal, foreign, and private sectors. Again we hope this breadth of representation will be of benefit to you in meeting your own laboratory challenges.

Last year we expanded our topics to include a session on other chemical residues. It was well received and we have included other chemical residues this Wednesday. As you well know, a hot topic today is the analysis of chemical terrorism agents. We have devoted Tuesday afternoon to informing you of current counterterrorism activities taking place in a number of agencies. No doubt pesticide residue laboratories will become increasing involved in analyzing these agents.

All of us on the planning committee have been working hard to provide you with the opportunity to network with colleagues, listen to presentations on the newest methods, as well as relax in a casual, family-friendly atmosphere. After fourteen years at the same hotel, we finally "met the challenge" of bringing you a different venue. We hope you enjoy the special excitement of central Florida's premier tourist destination. We are especially interested in receiving your location/facility comments via our meeting evaluation survey. Comments received in past years inspired us to think outside our "venue box."

Following the meeting, a list of attendees/exhibitors and copies of selected oral presentations will be available. See page 3 of this program for more information on what will be available and how you may access it.

This year there were particular challenges that prevented us from bringing you our companion Foodborne Pathogen Analysis Conference (FPAC). However, we anticipate resumption of the FPAC in 2005 and information about it will be posted on the web site.

Enjoy fabulous Florida!

Your FPRW committee,

W. George Fong, Pat Beckett, Joanne Cook, Patty Lucas, Teresa Rygiel,
Mike Page, Gail Parker, Walter Hammack and Amy Brown

MEETING AT-A-GLANCE

Sunday Evening, July 18, 2004

5:00 - 8:00 pm	Registration	East Registration and Foyer
6:00 - 7:30 pm	Waters Seminar	Narcissus/Orange Blossom Room
7:30 - 9:00 pm	Agilent Seminar	Camellia/Dogwood Room
5:00 pm	Exhibition Set Up Begins	North/Center International Ballroom
6:00 - 8:00 pm	AV Rehearsal	South International Ballroom
6:00 - 10:00 pm	Technical Session Setup	South International Ballroom

Monday, July 19, 2004

All Day	Exhibition	North/Center International Ballroom
7:30 - 8:30 am	Registration	East registration and Foyer
7:30 - 8:30 am	Early Morning Coffee	North/Center International Ballroom
8:30 am - noon	FPRW Technical Session	South International Ballroom
noon	Poster Set Up Begins	Crystal/Foyer
12:15 - 1:15 pm	Thermo Electron Seminar	Narcissus/Orange Blossom Room
All Afternoon	Posters	Crystal/Foyer
1:30 - 5:00 pm	FPRW Technical Session	South International Ballroom
6:30 - 7:30 pm	Reception (w/ Mickey & Minnie)	North/Center International Ballroom

Tuesday, July 20, 2004

All Day	Exhibition	North/Center International Ballroom
All Day	Posters	Crystal/Foyer
7:30 - 8:30 am	Registration	East Registration and Foyer
7:30 - 8:30 am	Early Morning Coffee	North/Center International Ballroom
8:30 - 10:00 am	FPRW Technical Session	South International Ballroom
11:00 - noon	Authors at Their Posters	Crystal/Foyer
12:15 - 1:15 pm	Shimadzu Seminar	Narcissus/Orange Blossom Room
1:30 - 4:45 pm	FPRW Technical Session	South International Ballroom
3:30 pm	Grand Prize Drawing	North/Center International Ballroom
4:45 - 5:15 pm	SSCS Program Report	South International Ballroom
5:00 - 7:00 pm	MS Users Meeting	South International Ballroom

Wednesday, July 21, 2004

7:30 - 8:30 am	Registration	East Registration
7:30 - 8:30 am	Early Morning Coffee	Foyer
8:30 am - noon	FPRW Technical Session	Salon 1, 2, and 3 Grand Ballroom
noon	Meeting Adjourns	

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GENERAL INFORMATION

Registration

Check in once at the registration desk at your earliest opportunity
Sunday - 5:00-8:00 PM
Monday - 7:30-8:30 AM
Tuesday - 7:30-8:30 AM
Wednesday - 7:30-8:30 AM

Your Registration Packet includes:

Registration Receipt
Name Badge
Exhibition Door Prize Card

KEY to Presentation Numbering System

FPRW talks are numbered, **1, 2, 3** ...
FPRW posters are numbered, **P1, P2, P3** ...

Presenter's addresses on pages 14-18 are cross-indexed to these numbers.

Poster Session

Posters boards will be available for set up after noon on Monday. Posters may be viewed Monday afternoon and all day Tuesday. Authors will be at their posters during the formal poster session Tuesday 11:00 am to noon.

Exhibition

All day Monday and Tuesday
Monday - 7:30 am - 5:00 pm, and during Monday evening reception 6:30-7:30 pm
Tuesday - 7:30 am - 5:00 pm

Coffee and Breaks

Coffee will be available 7:30 - 8:30 am each morning. On Monday and Tuesday morning coffee and all other breaks will be served in conjunction with the exhibition. On Wednesday there is no exhibition, so all coffee and breaks will be served in the foyer.

Announcements

Moderators will make general announcements from the podium. If you need to convey such information to a moderator, you must fill out an announcement form and submit it to W. George Fong. These announcement forms will be available at the registration desk.

Door Prizes

Technical session door prizes will be drawn at the end of each morning and afternoon technical session. You must be ON TIME at the beginning of each technical session to receive a ticket. You must be present at each drawing to win.

There will be a separate special drawing at the Tuesday afternoon break for all attendees who have completed an Exhibition Door Prize Card.

Job Placement Bulletin Board

Self serve message board for those offering or seeking employment

Abstracts

There are NO ABSTRACTS published for the FPRW meeting. This keeps our costs (and your registration fee) low.

Copies of Presentations

Oral Presentations: Following the FPRW (approx 2-3 weeks) some of the oral presentations will be posted on our website. There are limitations to what we post. Absolutely no files will be posted without the speaker's written permission (historically, two thirds of our speakers have given permission). The PowerPoint files are converted to PDF format, 2 slides per printed page. The file conversion is necessary due to limited server space (PDF format is roughly 1/10th the file size of PPT format). Various security restrictions may be added to the PDF file per speaker's request (such as disabling "copy text" and print functions). Some slides containing confidential information may be deleted. If this does not meet your need, then please contact the speaker directly.

Poster Presentations: Drop your business card in the "reprint request" envelope available at each individual poster board. The author will mail you a reprint.

Attendee List

After the meeting (approx 2-3 weeks), an attendee list will be available by request only. Please contact W. George Fong at Gandwfong@cs.com

Meeting Website

www.flworkshop.com The website includes information on current and future FPRW and FPAC meetings, as well as archives going back to 1997. The website also hosts SSCS (Southern State Check Sample) information.

FUTURE FPRW / FPAC DATES

2005	July 17 - 20	TradeWinds Island Grand Resort, St. Pete Beach, Florida
2006	July 16 - 19	Hilton in the Walt Disney World Resort, Orlando, Florida
2007	July 20 - 25	TradeWinds Island Grand Resort, St. Pete Beach, Florida

2004 EXHIBITORS

In alphabetical order

ABC Laboratories	www.abclabs.com
ABC Research	www.abcr.com
AccuStandard	www.accustandard.com
ADPEN Laboratories	www.adpen.com
Agilent Technologies	www.Agilent.com/chem
Chem Service	www.chemservice.com
Dionex	www.dionex.com
EN-CAS Analytical Laboratories	www.en-cas.com
J2 Scientific	www.J2scientific.com
LECO	www.Leco.com
OI Analytical	www.oico.com
Perkin Elmer Instruments	www.perkinelmer.com
Restek	www.restekcorp.com
SCI-CON	www.scicon.net
SGE	www.sge.com
Shimadzu Scientific Instruments	www.ssi.shimadzu.com
Teledyne Tekmar	www.teledynetekmar.com
Thermo Electron (3 tables)	www.thermo.com and www.ezflash.com
Varian	www.varianinc.com
Waters Corporation	www.waters.com

We would like to thank the following companies, who have made a significant contribution towards the FPRW breaks.

Agilent Technologies
Waters Corporation

EXHIBITOR SEMINARS - FREE

Seminar Rooms are on the Mezzanine Level

Sunday Evening, July 18, 2004

6:00 - 7:30 Waters Seminar
Location: Narcissus/Orange Blossom Room
Food and Beverage provided by Waters

Title: Applying Ultra Performance LC™ and High Performance Mass Spectrometry to the Determination of Pesticide Residues in Food
Mr. Joe Romano and **Larry Abbey**

7:30 - 9:00 Agilent Technologies Seminar
Location: Camellia/Dogwood Room
Food and Beverage provided by Agilent Technologies

Title: Finding Target and Unknown Pesticides in Complex Matrices Using Automated Deconvolution Software
Dr. Kai Meng

Monday Lunchtime, July 19, 2004

12:15 - 1:15 Thermo Electron Seminar
Location: Narcissus/Orange Blossom Room
Food and Beverage provided by Thermo Electron

Title: Introduction to Linear Ion Trap Mass Spectrometry and its Implications for Pesticide Analysis
Mr. Paul Steinberg

Tuesday Lunchtime, July 20, 2004

12:15 - 1:15 Shimadzu Scientific Seminar
Location: Narcissus/Orange Blossom Room
Food and Beverage provided by Shimadzu

Title: Technology Advances that Improve Pesticide Detection
Mr. Charles Lyle

Monday Morning, July 19, 2004

South International Ballroom

Pesticide Chemistries – Past, Present, and Future

Moderator: **Ms. Pat Beckett**

	8:30 - 8:45	Welcome, **Dr. Joanne Brown**, Deputy Commissioner, Florida Dept of Agriculture & Consumer Services
1	8:45 - 9:10	Trends in Pesticide Chemistry in the US: Past to Present, **Mr. W. George Fong**, Florida Dept of Agriculture (retired)
2	9:10 - 9:40	Today's Challenges: Future Directions in Pesticide Residue Analysis in the US, **Dr. Steven J. Lehotay,** USDA-ARS
3	9:30 - 10:00	Pesticide Residue Analysis in Europe: From the First Steps until Today, **Dr. Lutz Alder**, Federal Institute for Risk Assessment, Berlin, Germany
	10:00 -10:45	**Break (w/ refreshments) - PLEASE VISIT EXHIBITORS** Location: North/Center International Ballroom
4	10:45 - 11:15	An Industry Perspective on Trends in Pesticide Residue Analysis, **Mr. Frederick Q. Bramble**, Dupont Crop Protection
5	11:15 - 11:45	The Grower's Perspective: Trends in Pesticide Usage, **Mr. Michael Aerts**, Florida Fruit and Vegetable Association
	11:45 -12:00	Door Prize Drawing - You must be present to win!
	12:00 – 1:30	**Lunch** (on your own)
	12:15 - 1:15	**Seminar**: Thermo Electron Location: Narcissus/Orange Blossom Room Food and beverage provided by Thermo Electron
	12:00 (all pm)	**Poster Room available now for authors to hang posters** Location: Crystal/Foyer

Monday Afternoon, July 19, 2004

South International Ballroom

Meeting Today's Challenges – Methods / Instruments / Matrices

Moderator: **Ms. Patty Lucas**

6	1:30 - 1:55	A Pesticide Residues Laboratory's Perspective on Cross-contaminants in Pesticide Products, **Ms. Susan Eigen**, Georgia Dept of Agriculture
7	1:55 - 2:20	ELISA and LC/MS/MS Methods for Sulfentrazone Compounds in Groundwater Samples, **Dr. Audrey Chen**, FMC
8	2:20 - 2:45	New Developments in the "Quick, Easy, Cheap, Effective, Rugged, and Safe" (QuEChERS) Method for Pesticide Residues in Food, **Dr Katerina Mastovska**, USDA, ARS, ERRC
	2:45 - 3:30	**Break (w/ refreshments) - PLEASE VISIT EXHIBITORS** Location: North/Center International Ballroom
9	3:30 – 3:55	The Use of Acetic Acid to Moderate the Matrix Effects Encountered in the GC Analysis of Pesticides, **Mr. Frank Schenck**, FDA, SRL
10	3:55 - 4:20	Promises to Proof: Acquiring New Instrumentation for the Lab, **Mr. Michael Page**, Florida Dept of Agriculture
11	4:20 - 4:45	Discussion: Instrument Evaluation, led by **Mr. Walter Hammack**
	4:45 - 5:00	Door Prize Drawing - You must be present to win!
	5:00 - 5:30	SSCS Committee Meeting (committee members only) Location: TBA
		Poster authors, if you have not already done so, please hang your poster now.
	6:30 - 7:30	**Reception** - Courtesy of Hilton in Walt Disney World Resort **Minnie and Mickey will attend** (cameras welcome) Location: North/Center International Ballroom

Tuesday Morning, July 20, 2004

South International Ballroom

Meeting Today's Challenges - New Detection Techniques

Moderator: **Ms. Joanne Cook**

12	8:30 - 8:55	LC/MS/MS – An Exciting New Tool in Pesticide Residue Analysis, **Dr. Lutz Alder**, Federal Institute for Risk Assessment, Berlin, Germany
13	8:55 - 9:20	Dutch Comprehensive Multiresidue Methodology for Pesticide Residues in Fruits and Vegetables based on GC-MS and LC-MS detection, **Dr. André de Kok**, Food and Consumer Product Safety Authority, Amsterdam, The Netherlands
	9:20 - 10:00	**Break (w/ refreshments) - PLEASE VISIT EXHIBITORS** Location: North/Center International Ballroom
14	10:00 – 10:25	Using the QuEChERS Sample Preparation Method and GCxGC-TOFMS to Determine Pesticides in Baby Food, **Mr. Jack Cochran**, LECO Corporation
15	10:25 – 10:50	Determination of Polar Pesticides in Treated and Untreated Drinking Water using Solid Phase Extraction and LC/MS/MS, **Ms. Heidi Hickes**, Montana Dept of Agriculture
	10:50 – 11:00	Door Prize Drawing - You must be present to win!
	11:00 - 12:00	**Poster Session - Authors available at their posters** Location: Crystal/Foyer (See list of poster titles on pages 12-13)
	12:00 - 1:30	**Lunch** (on your own)
	12:15 - 1:15	**Seminar**: Shimadzu Location: Narcissus/Orange Blossom Room Food and beverage provided by Shimadzu

Tuesday Afternoon, July 20, 2004

South International Ballroom

Meeting Today's Challenges – Counterterrorism Analysis: Identification of Unknowns

Moderator: **Ms. Gail Parker**

16	1:30 - 2:15	The Food Emergency Response Network (FERN), **Dr. Douglas Abbott**, USDA-FSIS, and **Mr. Carl Sciacchitano**, FDA-ORA
17	2:15 - 2:45	Detection of Adulterants in Foods and Beverages using Multiple Analytical Approaches: Counterterrorism Efforts at the FDA, **Mr. Jonathan Litzau**, FDA, Forensic Chemistry Center
	2:45 - 3:30	**Break (w/ refreshments) - PLEASE VISIT EXHIBITORS** Location: North/Center International Ballroom
	3:15	Special Door Prize Drawing in Exhibition hall, for those who submit completed Exhibitor Cards. You must be present to win!
18	3:30 - 4:00	FDEP's Response Preparedness for Chemical Terrorism and Other Chemical Releases, **Mr. Terry L. Edwards**, Florida Dept of Environmental Protection
19	4:00 - 4:30	Identification of Unknowns: Sample Preparation and Handling of Potential Threat Samples, **Ms. Joanne Cook**, Florida Dept of Agriculture
		Tuesday Afternoon General Session adjourns
20	4:30 - 5:00	Southern States Check Sample Program Report (for all SSCS participants and any interested parties), led by **Ms. Gail Parker**, Florida Dept of Agriculture
	5:00 - 7:00	**MS USERS MEETING** - Share Challenges and Solutions: quantitation issues, ionization issues, matrix effects, ion suppression and enhancement, confirmation criteria, best sample introduction techniques, pros and cons of time of flight and triple quad instruments, etc.

Wednesday Morning, July 21, 2004

Salon 1, 2, and 3 Grand Ballroom

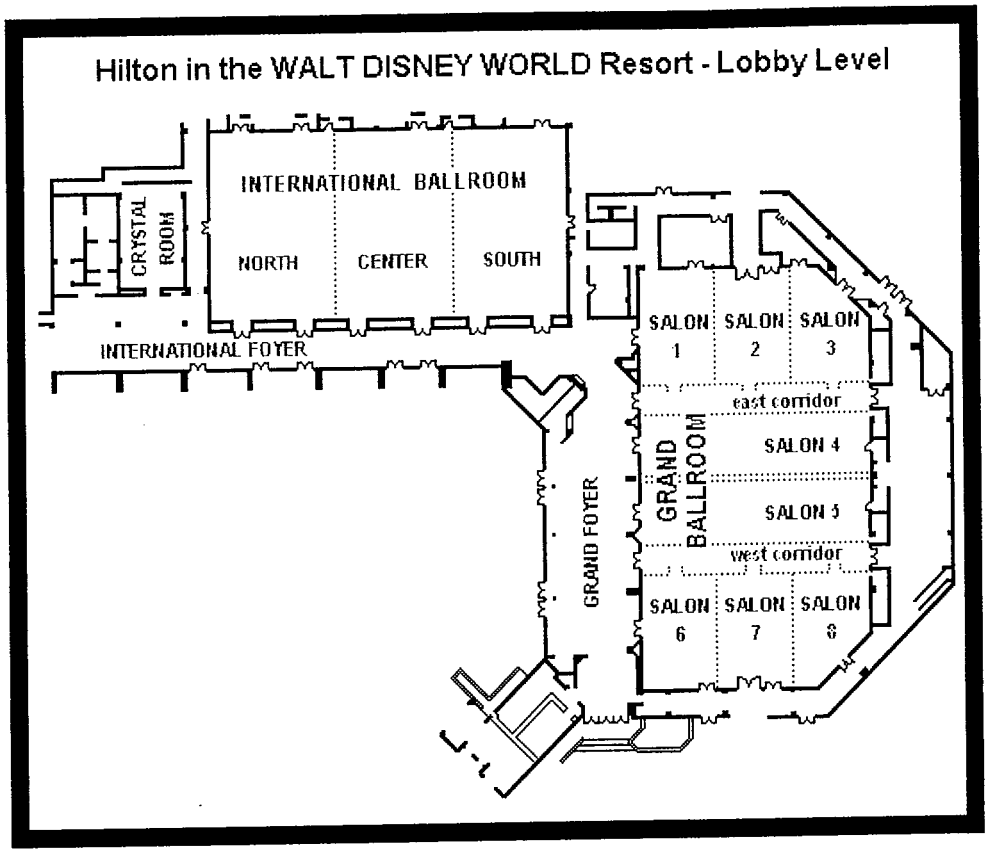
Meeting Today's Challenges - Analysis of Other Chemical Residues

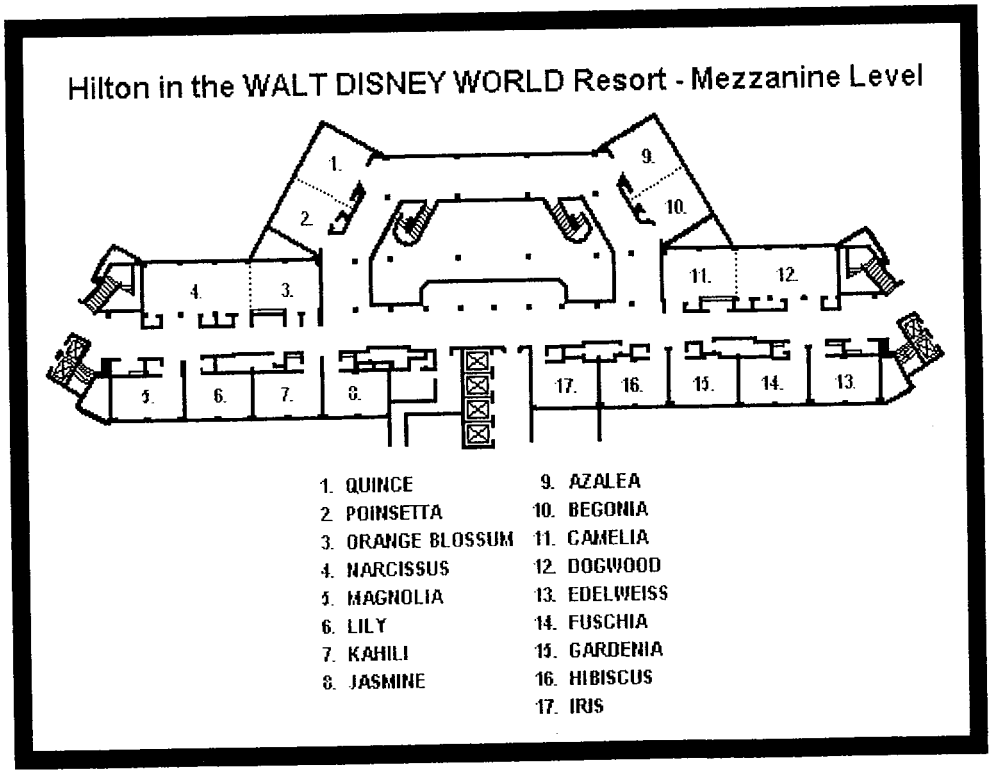
Moderator: **Mr. Walter Hammack**

21	8:30 - 9:00	Rapid Determination of Perchlorate Anion in Foods by Ion Chromatography-Tandem Mass Spectrometry, **Mr. Alex Krynitsky**, FDA-CFSAN
22	9:00 - 9:30	Analysis of Honey for Chloramphenicol, **Ms. Donna Kilpatrick**, Florida Dept of Agriculture
23	9:30 - 10:00	Analysis and Fate of Triclosan Antibacterials in Water, Wastewater and Drinking Water, **Mr. Robert Classon**, Shimadzu Scientific
	10:00 - 10:30	**Break (w/ refreshments)** Location: Foyer
24	10:30 - 11:00	Considerations for Trace Level LC-MS Analysis of Antibiotic Residues in Animal Tissues, **Dr Michael S. Young**, Waters
25	11:00 - 11:30	Evaluation of the QuEChERS Method for Veterinary Drugs and Other Residues, **Dr. Sarah E. McMullen** and **Mr. Frank Schenck**, FDA, SRL
26	11:30 - 12:00	Mass Spectrometry: New Applications in Clinical Diagnostics and Biomedical Research, **Mr. William E. Holmes**, MS State Chemical Laboratory
	12:00 - 12:15	Door Prize Drawing - You must be present to win!

Meeting adjourns

Conference Center Maps





Poster Session - Monday and Tuesday

Location: Crystal/Foyer

(Posters set-up noon Monday)

Authors at their posters Tuesday from 11:00 am to noon

P1	Botanical Insecticides: Persistence of 2-Tridecanone on Greenhouse Vegetables, **Dr. George F. Antonious**, Kentucky State University
P2	Analysis of Toxicants on Building Surfaces Following Chemical Attack, **Dr. Craig E. Bernard**, EPA, MCEARD
P3	The Determination of Pyrethroid and Pyrethrin Insecticides in Foods, **Dr. Judith A. Brisbin**, EPA, MCEARD
P4	The Analysis of PCB Congeners Using a Selective PCB GC Capillary Column, **Mr. Dan DiFeo**, SGE, Inc
P5	Multiresidue Pesticide Analysis by GC/MS Using Electron Ionization and Negative Ion Chemical Ionization, **Mr. Charles Lyle**, Shimadzu Scientific
P6	Using the GPC AutoPrep 2000 for Cleanup of Olive Oil Prior to Pesticide Analysis by GC/XSD or GC/PFPD, **Mr. Michael Duffy**, OI Analytical
P7	Monitoring of Pesticide Use and Residues on Fruits and Vegetables in Korea, **Ms. Young-Lim Kim**, National Inst of Agricultural Science & Technology, Korea
P8	Determination of Chlorpyrifos 20% EC (Dursban 20 EC) in Scented Rose and its Products, **Mr. Ajay Kumar**, Institute of Himalayan Bioresource Technology, Palampur, India
P9	Extraction of Various "Headline" Environmental Contaminants Using ASE, **Dr. Eric Francis**, DIONEX
P10	Determination of Diuron in Soil by Solid Phase Extraction and LC Electrospray MS/MS, **Ms. Joanna Lewandowski**, Montana Dept of Agriculture
P11	Finding Target and Unknown Pesticides in Complex Matrices Using Automated Deconvolution Software, **Dr. Kai Meng**, Agilent Technologies
P12	Uptake of Fresh and Aged Residues of Endosulfan in Soil into Crops, **Ms. Hyeon-Ju Park**, National Institute of Agricultural Science and Technology, Korea
P13	Analysis of Pesticides and PCB's Using a Large Volume Splitless Injection Technique, **Mr. Eric Phillips**, Thermo Electron

P14	USDA Pesticide Residue Data Program 1993-2002: Pesticide Residues on Fresh and Processed Fruit and Vegetables, Grains, Meats, Milk, and Drinking Water, **Dr. John S. Punzi**, USDA
P15	A Novel Mixed-Mode SPE Sorbent for the LC-MS Determination of Paraquat, Diquat and Related Compounds, **Dr. Michael S. Young**, Waters
P16	Stir Bar Sorptive Extraction RTL-GC/MS as a Versatile Tool to Monitor more than 400 Pesticides in Different Matrices (Fruits, Vegetables, Baby Food), **Mr. James Westmoreland**, SCI-CON, representing Gerstel
P17	Extraction and Analysis by HPLC-MS of Fluridone (Sonar) in Water, Sediment and Aquatic Biota, **Mr. Jeff Wiseman**, J2 Scientific
P18	Dithiocarbamates in Fruits and Vegetables: A Comparative Study Between Chromatographic and Spectrophotometric Techniques, **Dr. Danuza Leal Telles**, Pesticide Residue Laboratory, Pernambuco, Brazil
P19	Enhance Communication Using Internet, **Dr. He (Harry) Zhong**, Florida A&M University
P20	A Decade of Measuring, Monitoring, and Studying the Fate and Transport of Triazine Herbicides in Groundwater, Rivers, Reservoirs, and Precipitation, **Ms. Elisabeth A. Scribner**, USGS
P21	Simultaneous Dual-Column GC-ECD Analysis of Chlorinated Pesticides Using Two New Capillary Column Stationary Phases, **Mr. Gary B. Stidsen**, Restek Corp

PROGRAM PRESENTORS AND MODERATORS

In alphabetical order

KEY to Presentation Numbering System:

Oral presentations are numbered, **1, 2, 3** ...
Poster presentations are numbered, **P1, P2, P3** ...
Seminar presenters are designated **S**
Session moderators are designated **M**

16	**Abbott, Dr. Douglas**, USDA, FSIS, OPHS, BD, Microbial Outbreaks and Special Projects Branch, 950 College Station Road, Russell Research Center, Athens, GA 30605, phone: 706.546.3587, fax: 706.546.3518; douglas.abbott@fsis.usda.gov
5	**Aerts, Mr. Michael**, Florida Fruit and Vegetable Association, 4401 East Colonial Drive, Box 140155, Orlando, FL 32814, phone: 407.894.1351, fax: 407.894.7840, maerts@ffva.com
3, 12	**Alder, Dr. Lutz**, Federal Institute for Risk Assessment, PO Box 33 00 13, D-14191 Berlin, Germany, phone: +49 30 8412 3377, fax: +49 30 8412 3685, L.alder@bfr.bund.de
P1	**Antonious, Dr. George F.**, Kentucky State University, Dept of Plant and Soil Science, 218 Atwood Research Facility, 400 East Main Street, Frankfort, KY 40601, phone: 502.597.6005, fax: 502.597.6381, gantonious@gwmail.kysu.edu
M	**Beckett, Ms. Pat**, Florida Dept of Agriculture and Consumer Services, Chemical Residue Laboratory, 3125 Conner Blvd, Bldg. 3, Tallahassee, FL 32399-1650, phone: 850.410.3055, fax: 850.922.9110, becketp@doacs.state.fl.us
P2	**Bernard, Dr. Craig E.**, EPA, MCEARD, 26 W Martin Luther King Drive, (MS-564), Cincinnati, Ohio 45268, phone: 513.569.7507, fax: 513.569.7757, bernard.craig@epa.gov
4	**Bramble, Mr. Frederick Q.**, DuPont Crop Protection, PO Box 30, Newark, DE 19714-0030, phone: 302.451.3362, fax: 302.451.3570, frederick.q.bramble-jr@usa.dupont.com
P3	**Brisbin, Dr. Judith A.**, EPA, MCEARD, 26 W Martin Luther King Drive (MS-564), Cincinnati, Ohio, 45268, phone: 513.569.7883, fax: 513.569.7757) brisbin.judy@epamail.epa.gov

Welcome	**Brown, Dr. Joanne**, Florida Dept of Agriculture and Consumer Services, The Capitol, PL10, CA43, Tallahassee, FL 32399-0810, phone: 850.488.3022, brownjo@doacs.state.fl.us
7	**Chen, Dr. Audrey**, FMC Corporation, P.O. Box 8, Princeton, NJ 08543, phone: 609.951.3506, fax: 609.951.3670, audrey_chen@fmc.com
23	**Classon, Mr. Robert**, Shimadzu Scientific Instruments, 7102 Riverwood Drive, Columbia, MD 21046, phone: 410.381.1227 ext 906, fax: 410.381.1222, rjclasson@shimadzu.com
14	**Cochran, Mr. Jack**, LECO Corporation, 815 Pilot Road, Suite C, Las Vegas, NV 89119, phone: 702.614.1143, fax: 702.614.1189, jack_cochran@leco.com
19, M	**Cook, Ms. Joanne**, Florida Dept of Agriculture and Consumer Services, Chemical Residue Laboratory, 3125 Conner Blvd, Bldg. 3, Tallahassee, FL 32399-1650, phone: 850.410.3217, fax: 850.922.9110, cookj@doacs.state.fl.us
13	**de Kok, Dr. André**, VWA - Food and Consumer Product Safety Authority, Hoogte Kadijk 401, 1018 BK Amsterdam, The Netherlands, phone: +31 20 52 44 711, fax: +31 20 52 44 700, andre.de.kok@vwa.nl
P4	**DiFeo, Mr. Dan,** SGE, Inc, 2007 Kramer Lane, Austin, TX 78758, phone: 512.837.7190, fax: 512.836.9159, ddifeo@sge.com
P6	**Duffy, Mr. Michael**, OI Analytical, 151 Graham Rd, PO Box 9010, College Station, TX 77842-9010, phone: 979.690.1711 ext 282, fax: 979.690.0440, mduffy@oico.com
18	**Edwards, Mr. Terry L.**, Florida Dept of Environmental Protection, Division of Law Enforcement, Bureau of Emergency Response, 3319 McGuire Bouldevard, Suite 232, Orlando, FL 32803, phone: 407.893.7878, fax: 407.893.3163, Terry.L.Edwards@dep.state.fl.us
6	**Eigen, Ms. Susan**, Georgia Dept of Agriculture, PO Box 1507, Tifton, GA 31793-1507, phone: 220.386.3133, fax: 229.386.7227, seigen@agr.state.ga.us
1	**Fong, Mr. W. George**, Florida Dept of Agriculture and Consumer Services (retired), Mailing Address: FPRW/FPAC, 400 Capital Circle, SE, Suite 18, PMB 306, Tallahassee, FL 32301-3839, fax: 850.385.2075, Gandwfong@cs.com

P9	**Francis, Dr. Eric**, Dionex Corporation, Salt Lake City Technical Center 1515 West 2200 South, Suite A, Salt Lake City, UT 84119, phone: 801.972.9292, fax: 801.972.9291, eric.francis@dionex.com
11, M	**Hammack, Mr. Walter**, Florida Dept of Agriculture and Consumer Services, Chemical Residue Laboratory, 3125 Conner Blvd, Bldg. 3, Tallahassee, FL 32399-1650, phone: 850.410.3236, fax: 850.922.9110, hammacw@doacs.state.fl.us
15	**Hickes, Ms. Heidi**, Montana Dept of Agriculture, Laboratory Bureau, McCall Hall, Room 10, Montana State University, Bozeman, MT 59717, phone: 406.994.3383, fax: 406.994.4494, hhickes@state.mt.us
26	**Holmes, Mr. William E.,** Mississippi State Chemical Laboratory, 112 Hand Lab Morrill Road, Mississippi State, MS 39762, phone: 662.325.7817, fax 662.325.7811, wholmes@ra.msstate.edu
22	**Kilpatrick, Ms. Donna**, Florida Dept of Agriculture and Consumer Services, Chemical Residue Laboratory, 3125 Conner Blvd, Bldg. 3, Tallahassee, FL 32399-1650, phone: 850.410.3229, fax: 850.922.9110, kilpatd@doacs.state.fl.us
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PROGRAM ADDENDUM

(Corrections as of 2004-07-16)

Door Prize drawing missing from program

There will be a door prize drawing at the close of the Tuesday afternoon session, immediately following talk number 19. This was inadvertently omitted from the program.

Poster Additions

P22 Ethephon analysis in apple extracts, **Mr. Jack Cochran**, LECO Corporation [address in program]

P23 Comparison of three multi-residue methods using LC/MS/MS determination, **Dr. Lutz Alder**, Federal Institute for Risk Assessment, Germany [address in program]

P24 Double the productivity of your LC/MS/MS methods by using the ECHO technique, **Dr. Lutz Alder**

P25 Storage stability of stock solutions and solid pesticide standards, **Dr. Lutz Alder**

Poster Cancellations

P8 Determination of Chlorpyrifos 20% EC (Dursban 20 EC) in Scented Rose and its Products, **Mr. Ajay Kumar**, Institute of Himalayan Bioresource Technology, Palampur, India

P19 Enhance Communication Using Internet, **Dr. He (Harry) Zhong**, Florida A&M University

Title Modification for Shimadzu Seminar (Tuesday lunch time seminar)

Part 1: "Technology Advances that Improve Pesticide Detection" **Mr. Charles Lyle**; Part 2: "Analysis of Pesticides and Herbicides by LCMS using Volatile Ion Pair Reagents" **Mr. Robert Classon**