

Technical Sessions: Long Key / Bird Key and Indian Key Ballrooms

Exhibits, Posters, Reception: Banyan Breezeway (adjacent to Courtyard)

Vendor Seminars: Banyan & Citrus Rooms (across the hall from exhibits)
or Blue Heron Room (upstairs)

2007 / 44th Florida Pesticide Residue Workshop

MEETING AT-A-GLANCE

Sunday Evening, July 22, 2007

5:00 - 8:00 pm	Registration	Grand Palm Colonnade
6:00 - 7:30 pm	Vendor Seminar: LECO	Banyan Room (Jacaranda Hall)
6:00 pm	Exhibition Set Up Begins	Banyan Breezeway
8:00 pm	Poster Set Up Begins	Banyan Breezeway
6:00 - 10:00 pm	Technical Session Setup	Long / Bird / Indian Key Ballrooms

Monday, July 23, 2007

All Day	Exhibition	Banyan Breezeway
All Day	Posters	Banyan Breezeway
7:30 - 8:30 am	Registration	Grand Palm Colonnade
7:30 - 8:30 am	Early Morning Coffee	Banyan Breezeway
8:30 am – 12:00	Risk Assessments and Registrations	Long/Bird/Indian Key Ballrooms
12:15 - 1:15 pm	Vendor Seminar: Waters	Banyan Room (Jacaranda Hall)
12:15 - 1:15 pm	Vendor Seminar: Thermo Fisher	Citrus Room (Jacaranda Hall)
1:30 - 3:05 pm	Emergency Response from the Laboratory's Perspective	Long / Bird / Indian Key Ballrooms
3:30 - 5:00 pm	Contaminated Pet Food - Cooperation of Federal, State, Academic and Industry	Long / Bird / Indian Key Ballrooms
5:10 - 6:00 pm	Open Forum: Laboratory's Response to Emergencies	Long / Bird / Indian Key Ballrooms
6:00 - 7:00 pm	Authors at their posters	Banyan Breezeway
7:00 - 8:00 pm	Evening Reception	Banyan Breezeway

Tuesday, July 24, 2007

6:45 - 7:30	Fun Run	On the Beach outside pool area
All Day	Exhibition	Banyan Breezeway
7:30 - 8:30 am	Registration	Grand Palm Colonnade
7:30 - 8:30 am	Early Morning Coffee	Banyan Breezeway
7:30 - 8:15 am	Vendor Seminar: Chromsys	Citrus Room (Jacaranda Hall)
8:30 - 10:30 am	Evolution of Pesticide Residue Analysis	Long / Bird / Indian Key Ballrooms
11:00 - 12:00 pm	ISO 17025 Accreditation	Long / Bird / Indian Key Ballrooms
12:30 - 1:30 pm	Open Forum: Ask A2LA	Long / Bird / Indian Key Ballrooms
12:15 - 1:15 pm	Vendor Seminar: Agilent	Blue Heron Room (Jacaranda Hall)
12:15 - 1:15 pm	Vendor Seminar: SPEX	Banyan Room (Jacaranda Hall)
1:30 - 4:15 pm	Environmental Contaminants	Long / Bird / Indian Key Ballrooms
4:30 - 6:00 pm	MS Users Meeting	Long / Bird / Indian Key Ballrooms

Wednesday, July 25, 2007

7:30 - 8:30 am	Registration	Grand Palm Colonnade
7:30 - 8:30 am	Early Morning Coffee	Grand Palm Colonnade
8:30 - 12:20 am	Other Trace Level Analyses	Long / Bird / Indian Key Ballrooms
12:30 - 1:30 pm	Vendor Seminar: Applied Biosystems	Banyan Room (Jacaranda Hall)

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

AV Rehearsal

If you need to look at your slides, please coordinate that with the registration desk or the AV projectionist.

KEY to Presentation Numbering System

Talks are numbered, **1, 2, 3...**

Posters are numbered, **P1, P2, P3 ...**

At the end of the program, presenters' addresses are cross-indexed to these numbers.

Poster Session

Poster boards will be available for hanging posters Sunday evening, beginning at 8:00 pm.

Posters may be viewed at any time, but authors will be at their posters during the formal poster sessions on Monday, 6:00 - 7:00 pm.

Exhibition

Monday - 7:30 am - 5:00 pm

Monday during evening reception 7:00-8:00 pm

Tuesday - 7:30 am - 5:00 pm

Coffee and Breaks

Coffee will be available 7:30 - 8:30 am each morning. There will be morning refreshment breaks each day and afternoon refreshment breaks on Monday and Tuesday. All Monday and Tuesday breaks will be served in the Banyan Breezeway in conjunction with the Exhibition. On Wednesday the morning breaks will be served in the Grand Palm Colonnade.

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.

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 meeting, if time and resources permit, 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 a 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 (the file size of PDF format is roughly 10-20% that of PPT format). Some slides containing confidential or proprietary 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, but only by request. Please contact W. George Fong at Gandwfong@comcast.net

Meeting Website

www.flworkshop.com

The website includes information on current and future FPRW meetings.

FUTURE FPRW DATES

2008	July 20 - 23	TradeWinds Island Grand Resort, St. Pete Beach, Florida
2009	July 19 - 22	TradeWinds Island Grand Resort, St. Pete Beach, Florida

Add **www.FLworkshop.com** to your browser favorites

2007 EXHIBITORS

Exhibition Location: Banyan Breezeway

In alphabetical order

A2LA	www.A2LA.org
ABC Laboratories	www.abclabs.com
Accustandard	www.accustandard.com
Adpen Laboratories, Inc.	www.adpen.com
Agilent Technologies	www.agilent.com
Applied Biosystems	www.appliedbiosystems.com
Bruker Daltonics	www.bruker.com
Dionex Corporation	www.dionex.com
DPX Labs LLC	www.dpxlabs.com
Gerstel, Inc.	www.gerstelus.com
Horizon Technology, Inc.	www.horizontechnic.com
J2 Scientific	www.j2scientific.com
LEAP Technologies	www.leaptec.com
LECO Corporation	www.leco.com
Man Sci, Inc. / Gilson	www.mansci.com
Matheson Tr-Gas, Inc.	www.matheson-trigas.com
OI Analytical	www.oico.com
Parker Hannifin	www.labgasgenerators.com
Phenomenex	www.phenomenex.com
Pickering Laboratories, Inc.	www.pickeringlabs.com
Quantum Analytics	www.LQA.com
Restek Corporation	www.restek.com
Sci-Con	www.SCICON.net
SPEX Certi Prep, Inc.	www.spexcsp.com
Supelco/Sigma-Aldrich	www.Sigma-Aldrich.com/Supelco
Tampco Group, Inc. (Kewanee Scientific)	www.TAMPCO.com
Thermo Fisher Scientific, Inc	www.thermo.com
United Chemical Technologies	www.unitedchem.com
Varian, Inc.	www.varianinc.com
Waters Corporation	www.waters.com

2007 SPONSORS

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Agilent

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Beaker**

**Applied Biosystems
Waters**

**Bronze
Beaker**

**Pickering Laboratories
SPEX CertiPrep**

Their generous support helps makes the FPRW successful.

EXHIBITOR SEMINARS - FREE

Food and beverage provided by each company

Please sign up for the meeting at the registration desk

Sunday Evening, July 22, 2006

6:00 - 7:30 p.m. LECO

Location: Banyan Room

Presenter: Don Hilton

Advantages of Rapid Analysis Mass Spectrometry (RAMS) for Pesticide Screening: Introducing the new LECO TruTOF™ HT GCMS and the Unique® HT LCMS

Topic 1: The Application of True Signal Deconvolution™ and the fast spectral acquisition of the Pegasus® HT GC-TOFMS and the Unique® HT LC-TOFMS for improved screening, identification and quantification.

Description: Skew free time of flight spectra plus fast spectral acquisition rates make True Signal Deconvolution™ possible. How these advantages benefit unknown investigations as well as target compound approaches.

Topic 2: Introducing the bench top TruTOF™ HT GCMS from LECO – Instrument Business Outlook's New Product of the Year – ASMS 2007

Description: The first affordable bench top GC-TOFMS. With the advantages of True Signal Deconvolution™ and fast spectral acquisition in a bench top design LECO can help your laboratory reach its optimal productivity.

Monday Lunchtime, July 23, 2006

12:15 - 1:15 p.m. Waters

Location: Banyan Room

Presenters: Aisling M. O'Connor and Joe Romano

Ultra-performance liquid chromatography with polarity switching tandem quadrupole mass spectrometry for the determination of pesticide residues in baby foods

A fast, simple, robust UPLC/MS/MS method has been developed for the analysis and confirmation of 52 pesticides in various baby food matrices. Chromatographic separation was achieved using a 1.7µm particle size column (50 mm length) with a total cycle time of less than 10 minutes. Polarity switching during MS acquisition allowed the determination of 44 compounds which ionize in positive ion mode and 8 which ionize in negative ion mode during a single chromatographic run. The use of very short dwell times of 5 ms was found to have no effect on signal intensity, indicating that sensitivity can be maintained while monitoring over 100 MRM transitions during a single run.

12:15 - 1:15 p.m. Thermo Fisher Scientific

Location: Citrus Room

Presenter: Dr. Jonathan Beck

Topic 1: Quantitation Enhanced Data Dependant MS, the Simultaneous Collection of Quantitative and Qualitative Triple Quadrupole Data in One Analysis

The Quantitation Enhanced Data Dependant (QED) scan function allows for the simultaneous collection of full scan Q3 data for qualification and SRM data for quantitation. QED provides additional data that can be used to help eliminate false positives by providing full scan Q3 spectra that can be library searched, or used for ion ratio calculations. Data will be shown demonstrating the utilization of the QED scan function on food and environmental samples for pesticides and other banned or regulated compounds.

Presenter: Eric Phillips

Topic 2: Optimization of Extraction and Injection Phases of the Analysis of Pesticides in Produce by GCMS

The author will give an overview of some injection techniques available with optimization tips for the operation of each. The results of the study of the analysis of a specific list of pesticides in apples with varying functional groups will be given by injection using a conventional split/splitless injector in the splitless mode and a temperature programmable injector operated in the following modes: constant temperature splitless mode, temperature programmed splitless mode, temperature programmed with surge pressure splitless mode and the large volume splitless mode. The injection efficiencies will be compared as well as the handling of the matrix. A discussion on sample preparation and clean up procedures will be given.

Tuesday Breakfast, July 24, 2006

7:30 - 8:15 a.m. Chromsys

Location: Citrus Room

Presenter: Ingo Christ

Analysis of QuEChERS samples using GC-MS/MS

By adding a proprietary Ion Rail collision cell and another high precision quadrupole, serving as mass filter Q3, the Agilent 5973 / 5975 Series is easily upgraded to a triple quadrupole instrument, the Chromtech Evolution. Using multiple reaction monitoring (MRM) is the most sensitive and selective technique to quantitate low levels of target compounds, especially in the presence of high background.

Tuesday Lunchtime, July 24, 2006

12:15 - 1:15 p.m. Agilent Technologies

Location: Blue Heron Room

Presenter: Dr. Jerry Zweigenbaum

Topic 1: Screening and Confirmation of Multi-Residue Pesticide Analysis: LC/TOF-MS or LC/QqQ-MS

Presenter: Dr. Philip Wylie

Topic 2: Introducing the Agilent 7890/5975C GC/MSD with New Tools for Pesticide Analysis

Agilent's noon-time seminar will discuss the most important tools needed for pesticide analysis. Part 1 will describe the use of HPLC combined with triple quadrupole (LC/QqQ-MS) or time-of-flight mass spectrometry (LC/TOF-MS) for screening, quantitation and confirmation of 100s of pesticides. The advantages and disadvantages of each and suggested workflow for the analysis with appropriate QA/QC procedures will be discussed. Part 2 will highlight Agilent's new 7890A/5975C GC/MSD, which fully embraces Capillary Flow Technology. Emphasis will be placed on techniques that improve a laboratory's efficiency and accuracy of analysis.

12:15 - 1:15 p.m. SPEX

Location: Banyan Room

Presenter: Dr. Tom Mancuso

Calibration Strategies and Dilution Practices

This presentation covers good strategies for analytical calibrations focusing on chromatographic techniques. Discussed in detail are the uncertainties involved in various dilution practices, as well as a method of calculating uncertainties for USEPA method 8081. We have observed over the years that chemists use a variety of techniques to dilute solutions and calibrate instruments. We have also observed that many techniques in common practice contain an unacceptable amount of error and uncertainty. We wish to promote good laboratory practices and reduce the errors at the bench. The goal is to show calculations, uncertainties and lab practices that will help chemists make better measurements, or understand why they do so well.

Wednesday Lunchtime, July 25, 2006

12:15 - 1:15 p.m. Applied Biosystems

Location: Banyan Room

Presenter: André Schreiber

LC/MS/MS Based Strategies for High Throughput Pesticide Screening and Quantitation

The following workshop will discuss different LC/MS/MS strategies for high throughput pesticide screening and quantitation including the use of direct injection, on-line SPE and libraries. New tools available to reduce the complexity of analysis will also be discussed.

Monday Morning, July 23, 2007

Location: Long / Bird / Indian Key Ballrooms

Risk Assessments and Registrations

Moderator: **Jo Marie Cook**, Florida Dept. of Agriculture and Consumer Services

- 8:30 - 8:45 Welcome, **W. George Fong**, FLAG Works, Inc.
- 1** 8:45 - 9:30 **Keynote:**
The Role of Residue Data in Pesticide Risk Assessment
Nina Heard, Syngenta Crop Protection, Inc.
- 2** 9:35 - 10:00 Florida's Pesticide Registration Evaluation Committee
Charlie Clark, Florida Department of Agriculture
- 10:00 - 10:30 **Break (w/ refreshments) - PLEASE VISIT EXHIBITORS**
Location: Banyan Breezeway
[Poster authors, please finish hanging all posters now!]
- 3** 10:30 - 10:55 Impact of Different Analytical Techniques on Risk Assessment: A Case Study on Arsenic in Saline Groundwater
Paul Rygiel, Florida Department of Agriculture
- 4** 11:00 - 11:25 USDA's Pesticide Data Program: Techniques of Sample Collection
Jo Dyer, USDA Pesticide Data Program
- 5** 11:30 - 11:50 Current Research Initiative with Public Health Pesticides
Brian Quinn, USDA, ARS, CMAVE
- 11:55 - 12:00 Door Prize Drawing - You must be present to win!
- 12:00 - 1:30 **Lunch** (on your own)
- 12:15 - 1:15 **Lunch Seminar: Waters**
- 12:15 - 1:15 **Lunch Seminar: Thermo Fisher Scientific**

Monday Afternoon, July 23, 2006

Location: Long / Bird / Indian Key Ballrooms

Emergency Response from the Laboratory's Perspective

Moderator: **Susan Eigen**, Georgia Department of Agriculture

- 6** 1:30 - 1:50 Response to Anthrax and other Laboratory Emergencies
Yvonne Salfinger, Florida Dept.of Agriculture and Consumer Services
- 7** 1:55 - 2:15 Pesticide Analysis in the Wake of Katrina and Rita, Lessons Learned
Amy Hernandez, Louisiana Dept. of Agriculture
- 8** 2:20 - 2:40 Food Safety: The World Is Our Table
Mike Farrow, Georgia Department of Agriculture
- 9** 2:45 - 3:05 CDC LRN and Chemical Threat Response in Texas
David Klein, Texas Department of State Health Services
- 3:05 - 3:30 **Break (w/ refreshments) - PLEASE VISIT EXHIBITORS**
Location: Banyan Breezeway
- 10** 3:30 - 5:00 **Contaminated Pet Food - Cooperation of Federal, State, Academic, and Industry Laboratories**
- Site Investigations and Laboratory Coordination in a Crisis
Carl Sciacchitano, Director, Division of Field Science, FDA
- Methods and Procedures for Identification of Melamine and Metabolites in Food and Food Ingredients
Frederick Fricke, Director, Forensic Chemistry Center, FDA
- Streamlined Method for Determination of Melamine and Cyanuric Acid in Tissue by LC-MS/MS
Alexander J. Krynitsky, Method Developments Branch, FDA
- 5:00 - 5:10 Door Prize Drawing - You must be present to win!
- 11** 5:10 - 6:00 **Laboratory's Response to Emergencies - Open Forum**
Ask Presenters your questions.
Share problems and solutions in an open forum.
- 6:00 - 7:00 **FPRW Poster Session - Authors available at their posters**
Location: Banyan Breezeway
- 7:00 - 8:00 **Reception** - compliments of the TradeWinds Island Grand
Location: Banyan Breezeway (Cash Bar)

Tuesday Morning, July 24, 2007

Location: Long / Bird / Indian Key Ballrooms

Evolution of Pesticide Residue Analysis

Moderator: **Amy Brown**, Florida Department of Agriculture and Consumer Services

- 6:15 - 7:30 Fun Run / Walk on the Beach.
Contestants gather on beach at 6:15 AM
- 7:30 - 8:15 **Breakfast Seminar: Chromsys**
- 8:30 - 8:45 "Welcome" and Fun Run Awards
- 12** 8:45 - 9:25 **Keynote:** Pesticide Residue Analysis - Where Have We Been?
Where are We Going?
Frank Schenck, Food and Drug Administration
- 13** 9:30 - 9:55 Multiresidue Analysis of Pesticides in Fresh Produce using
QuEChERS Concepts, GC, and GC-MS/SIM,
Jon Wong, Food and Drug Administration
- 14** 10:00 - 10:25 Pesticide Residue in Produce Sold in Connecticut: A Comparative
Study of Present and QuEChERS Methodology
Walter Krol, Connecticut Agricultural Experiment Station
- 10:30 - 11:00 **Break (w/ refreshments) - PLEASE VISIT EXHIBITORS**
Location: Banyan Breezeway

ISO 17025 Accreditation

Moderator: **Gail Parker**, Florida Dept. of Agriculture and Consumer Services

- 15** 11:00 - 11:30 Process and Points to Consider in ISO 17025 Laboratory
Accreditation, **Roger Brauning**, A2LA
- 16** 11:35 - 11:55 Implementing ISO 17025 in Our Laboratory,
Gail Parker, Florida Dept. of Agriculture and Consumer Services
- 12:00 - 12:10 Door Prize Drawing - You must be present to win!
- 17** 12:30 - 1:30 **Ask A2LA! With Roger Brauning**
There are so many questions. Now you can ask an expert!
(Grab a sandwich in the lobby)
- 12:00 - 1:30 **Lunch** (on your own)
- 12:15 - 1:15 **Lunch Seminar: Agilent Technologies**
- 12:15 - 1:15 **Lunch Seminar: SPEX**

Tuesday Afternoon, July 24, 2007

Location: Long / Bird / Indian Key Ballrooms

Environmental Contaminants

Moderator: **Patty Lucas**, Florida Dept. of Agriculture and Consumer Services

- 18** 1:30 - 1:50 Increasing Sample Throughput in Pesticide Residue Analysis Using a Geno/Grinder Extractor and LC/MS/MS Detection
Joseph McClory, Dupont
- 19** 1:55 - 2:15 The Evolution of Analysis Methodology for the Determination of Diquat and Paraquat in Environmental Matrices,
Jake Adams, Florida Dept. of Agriculture and Consumer Services
- 20** 2:20 - 2:40 New Developments in LC/MS/MS, GC/MS and GC/MS/MS Methods for the Analysis of Pesticides and their Degradation Products in Air and Water Samples,
Renata Raina, University of Regina, Regina SK, Canada
- 21** 2:45 - 3:05 Analysis of Neonicotinoid Pesticides in Bee Pollen by LC/MS/MS
Brian Eitzer, Connecticut Agricultural Experiment Station
- 3:05 - 3:30 **Break (w/ refreshments) - PLEASE VISIT EXHIBITORS**
Location: Banyan Breezeway
- 22** 3:30 - 3:50 In Situ Mass Spectrometry for Environmental Measurements in Aqueous Systems
Tim Short, University of South Florida
- 23** 3:55 - 4:15 Liquid Chromatography/Mass Spectrometry Library and Strategy for Identifying Harmful Organics in Drinking Water,
Lawrence Zintek, U.S. EPA, Chicago, IL
- 4:20 - 4:30 Door Prize Drawing - You must be present to win!
- 24** 4:30 - 6:00 **MS Users Meeting**

Moderator: **Walter Hammack**, Florida Dept. of Agriculture and Consumer Services

Share challenges and solutions: quantitation issues, ionization issues, matrix effects, ion suppression and enhancement, confirmation criteria, best sample introduction techniques, pros and cons of various analyzers (e.g. traps, quads, TOF, etc.)

6:00 Beach Volleyball

Wednesday Morning, July 25, 2006

Location: Long / Bird / Indian Key Ballrooms

Other Trace Level Analyses

Moderator: **Walter Hammack**, Florida Dept. of Agriculture and Consumer Services

- 25** 8:30 - 9:15 **Keynote:**
Seafood Toxin Analysis,
Michael Quilliam, National Research Council of Canada, Marine
Biosciences
- 26** 9:20 - 9:40 Development of a Turbulent Flow Liquid Chromatography Screen to
Monitor Trace Levels of Contaminant Antibiotics in Honey samples
Francois Espourteille, ThermoFisher Scientific
- 27** 9:45 - 10:05 Effective Screening and Quantitation Strategies for Trace Analysis in
Food and Environmental Samples, **Peter Hancock**, Waters
Corporation
- 10:10 - 10:30 **Break (w/ refreshments)**
Location: International Ballroom Foyer
- 28** 10:30 - 10:50 Multiresidue Method for Agricultural Chemicals in Animal and Fishery
Products by GC/MS
Kazuaki Iijima, The Institute of Environmental Toxicology, Japan
- 29** 10:55 - 11:15 Analysis of Melamine and Fluoroquinolones by LC/MS/MS, **Sarah
McMullen**, Food and Drug Administration
- 30** 11:20 - 11:40 Comparison of Luke Method with Disposable Pipette Extraction of
Pesticide Residues
William Brewer, University of South Carolina
- 31** 11:45 - 12:05 A Survey of Mercury in Seafood 1999-2007: What are the
Implications?
Marc Engel, Florida Department of Agriculture and Consumer
Services
- 12:10 - 12:20 Door Prize Drawing - You must be present to win!
- 12:30 - 1:30 **Lunch Seminar: Applied Biosystems**

FPRW Meeting Adjourns

FPRW POSTERS

All Day Monday and Tuesday!

Location: Banyan Breezeway

(Please hang posters by morning coffee break on Monday)

Authors available at their posters during

Formal Poster Session

Monday, 6:00 - 7:00 PM

P1	Analysis of Water for Pesticides at Low Parts per Trillion (ppt) Levels Using Two Dimensional LC/MS/MS Without Sample Treatment, Andre Schreiber , Applied Biosystems
P2	Using the MRM Catalogue of Cliquid Software to Quickly Build Custom LC/MS/MS Methods for Pesticide Analysis, Andre Schreiber , Applied Biosystems
P3	Organic Pesticides: Quantification of Decanoic Acid Methyl Esters in Hot Pepper Accessions, George F. Antonious , Kentucky State University
P4	Recent Work on EPA Method 535 and 536 Using a Triple Quadrupole MS with Quantitative Enhanced Data Dependant Scanning, Jonathan Beck , Thermo Fisher Scientific
P5	Optimization of the Injection Phase of the Analysis of Pesticides in Produce, Jessie Butler , Thermo Fisher Scientific
P6	LC-MS/MS Determination of Phenoxyacid Herbicides and Degradation Products in Surface Waters, Michele Etter , University of Regina
P7	LC-MS/MS Determination of Organophosphorus Pesticides (OPPs) and Degradation Products in Atmospheric Samples, Lina Sun , University of Regina
P8	GC Method Comparison For Pesticide Analysis (MS vs. MS/MS and EI vs. NCI), Patricia Hall , University of Regina
P9	Determination of Pesticide Residues in Non-fatty Food Using Two Different Analytical Approaches, Andrea Hercegova , Slovak University of Technology
P10	Automated Spectral Searching to provide Specific Functional Group Detection Capability to GC-TOFMS, Donald Hilton , Brian Shofran LECO Corporation
P11	Multi Component Mycotoxin Analysis Using LC/MS/MS, Nicholas Hubbard , Varian, Inc.

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P12	Analysis of Dimethomorph and Procymidone in an Onion (<i>Allium cepa</i>) by HPLC-UVD and GC-ECD, Mi Ra Kim , Daejeon Korea Regional Food and Drug Administration
P13	Use of a Molecularly Imprinted Polymer in the Determination of Pyrethroid Pesticides in Composite Foods, Jeffrey Morgan , U.S. Environmental Protection Agency
P14	Analysis of Nerve Agent Degradation Products by UPLC/MS/MS, Aisling O'Connor , Waters
P15	LC/MS/MS Analysis of Sulfonamide Antibiotics in Honey Samples, Rolando Perez , Adpen Laboratories
P16	The Use of Accelerated Solvent Extraction (ASE) as a Sample Preparation Procedure Prior to the Determination of Pesticides Contamination in Foods, Bruce Richter , Dionex Corporation
P17	A Comparison of QuEChERS (Quick, Easy, Cheap, Effective, Rugged and Safe Approach for Determining Pesticide Residues) Products Prepared "in House" Versus Commercially Available QuEChERS Products, Don Shelly , United Chemical Technologies, Inc.
P18	PCB Analysis: It's Crazy to inject Fish Oil onto your GC...Isn't it?, Philip L. Wylie , Agilent Technologies
P19	Liquid Chromatography/Quadrupole Time-of-Flight Mass Spectrometry Analysis of Pesticides in Environmental Water Samples., Paul W. Yang , Ontario Ministry of the Environment
P20	Identification of Unknowns in Food Samples by LC/TOF-MS and LC/QTOF-MS, Jerry Zweigenbaum , Agilent Technologies
P21	Analysis and Confirmation of Aflatoxins in Extracts of Corn and Peanuts - A Comparison of LC Analytical Detectors, Anthony Williams , FDA
P22	Monitoring of Residual Pesticides in Commercial Agricultural Products in Korea, Hyoung-Joon Park , Gyeongin Regional Korea Food and Drug Administration
P23	Survey of Pesticide Residues in Health Functional of Food Consumed in Korea, Yoon Jung Kang , Busan Regional Korea Food and Drug Administration
P24	Reliable Multi-Target Analysis of Pesticides by HPLC-ESI-TOF Mass Spectrometry, Ben Owens , Bruker Daltonics, Inc.
P25	Using the Pulsed Flame Photometric Detector (PFPD) for Low-Level Analysis of Organophosphorus Pesticides, Laura Chambers and Michael Duffy, OI Analytical
P26	Two Novel GC Column Stationary Phases Designed for the Analysis of Pesticide Residues, Sky Countryman , Phenomenex

PROGRAM PRESENTORS AND MODERATORS

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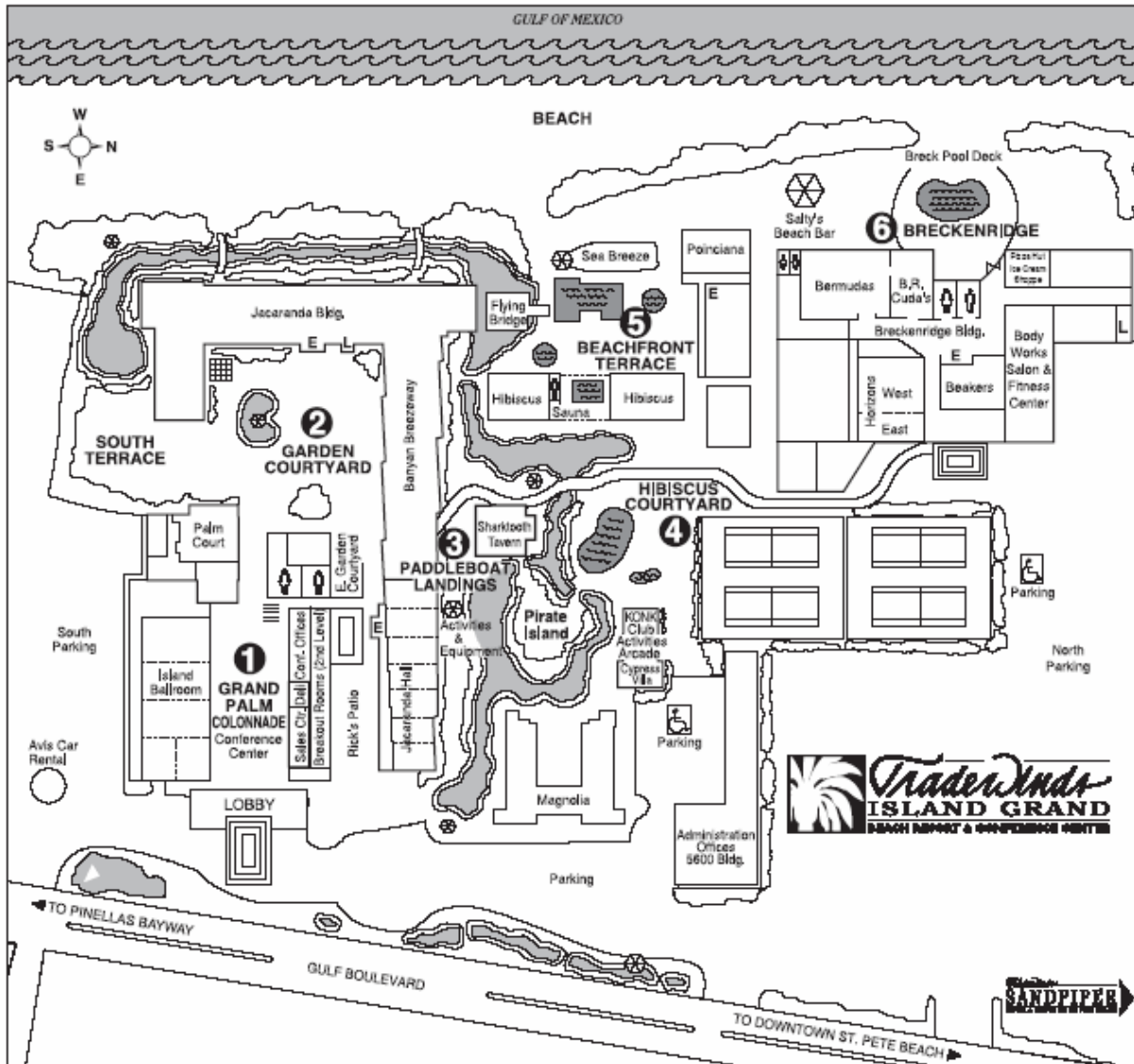
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DINING and SHOPPING	GUEST SERVICES	RECREATION	
Awakenings Coffee & Spirits1	Avis Car RentalSouth Parking	Activities Information4	Sauna5
B.R.Cuda's Sports Bar6	Body Works Salon6	Arcade4	Swimming Pools (covered) 5)4,5,6
Bermudas Restaurant6	Business CenterLobby	CabanasBeach	Tennis Courts, Reservations4
Flying Bridge Beach Bar5	Concierge1	Equipment Rental3	Whirlpools5
Deli1	ElevatorsE	Fitness Center6	
Palm Court Bistro2	Fitness Center6	Mini Golf, Chess2	CHILDREN'S AREAS
RedBeard's Sharktooth Tavern3	Guest Laundry, 1st Floor6L	Paddleboats3	Kiddie Pool4
Pizza Hut /Ice Cream Shoppe6	6th Floor2L	Tetherball5	KONK Club Activities Center4
Beaker's Tropical Outfitters6	Restrooms1,5,6	Water SportsBeach	