



13th Fumigants & Pheromones Conference

JUNE 12–14, 2018 | INDIANAPOLIS, INDIANA U.S.A.



25 Years of Sharing Through Education

Lübeck 1993 • Bologna 1995 • Chicago 1997 • York, 1999 • Copenhagen 2003
Thessaloniki 2005 • Monterrey 2007 • Bremen 2009 • IndiANAPOLIS 2012
KRAKOW 2014 • ADELAIDE 2015 • INDIANAPOLIS 2018

13TH INTERNATIONAL

Fumigants & Pheromones Conference

JUNE 12–14, 2018

Organized by Insects Limited, USA and Fumigation Service & Supply, Inc., USA

The theme of the 13th Fumigants & Pheromones Conference is *25 Years of Sharing Through Education*. This conference will feature new and practical applications of pest management with two hands-on workshops. Each speaker has been carefully selected to offer an international perspective on how we protect our food, grain, structures, wood, and fiber from invasive pests.

Throughout the past 25 years, this biennial conference has followed the guiding principal of “Sharing Through Education.” The 2018 version will be no different.

Since our first international conference in Lübeck, Germany in 1993 and the many domestic continued education conferences, thousands have attended, from over 60 countries. Stored product protection is a unique niche discipline. We are using fewer toxic and environmentally impactful products and methods in order to be more proactive and less reactive to out-of-control pest issues. Twenty-five years ago, the thought of pheromones and non-pesticide applications was in its infancy. Today, the rush to develop and utilize proactive approaches is a sign that our industry has listened to our customers to offer them options. Options that include insect growth regulators, genetic selection, resistance detection and management, fumigant scrubbers, mating disruption, pre-emptive application of low impact pesticides, scanners, cell phone applications for recording, and advanced communicating. Yet pesticide resistance, replacement of methyl bromide, new invasive pest insects, and deadly strains of food borne bacteria are appearing and commanding our attention with new research, new jobs, and the need for continued training.

The keynote speaker is Dr. Steve Yaninek, former Department Head and current professor at the

College of Agriculture, Department of Entomology, Purdue University in West Lafayette, Indiana. It is an honor to have Dr. Yaninek discuss his career. He has worked tirelessly to reduce hunger throughout the world and enthusiastically guiding a major entomology department to protect pre-harvest and post-harvest issues. Dr. Yaninek has many stories to tell about **pest management around the world**. His friendly and caring style of speaking is enjoyable and energetic.



12th Fumigants & Pheromones Conference in Adelaide, Australia: 160 attendees from 31 countries

Special Conference Dinner

After Day Two, the program moves from the classroom to the dining room. A special treat is planned for each participant. The NCAA Hall of Fame Champions Headquarters, located in downtown Indianapolis, will offer back stage passes to see the history of college athletics in America. A cocktail reception awaits you when you enter this one-of-a kind exhibition. Meet others from the conference while will you are shooting basketball baskets in a Hoosier style gym, throw fastballs to a virtual catcher, or kick soccer balls to a virtual goalie. This special event will be fun for everyone. The Special Dinner moves behind the scenes to a unique venue. The featured entertainment will be our internationally diverse group singing native songs from their respective countries. This may be the highlight of the whole conference.

Conference Fees

Full Registration: (June 12-14 U.S. \$645 (\$745 after April 1), Special Dinner for non-registered guests: \$80. **Workshop only:** \$215 before April 1, (\$250 after April 1)

Conference Reservations

Go to www.insectslimited.com or call Barb Bass at 1.317.896.9300

Conference Host Hotels

J.W. Marriott Hotel, 10 S West St, Indianapolis, IN 46204 Phone: 1.(317) 860-5800, Conference room rates: US\$ 209 per night, **** star before April 1.

Springhill Suites: *** star, US\$ 185/ night; before April 1, 501 W Washington St, Indianapolis, IN 46204, Phone: (317) 636-7678, Parking not included.

Attendees are responsible for making their own hotel reservations.

Both hotels are conveniently located in downtown Indianapolis and across the street from the conference venues.

Airport

Indianapolis is served by a modern airport with international connections to most major cities in the US. The airport is 20 minutes from the host hotels. For those attending the workshops the buses will return to the hotel by 4:30 PM on June 14.

Continued education credits

Licensed pesticide applicators will receive credits in approved states. A list of those states will be available on the website: www.insectslimited.com. If your state(s) is not listed on this list, call Barb Bass at 1.317. 896.9300.

Sponsors

Sponsorships for this conference are welcome. The support from our sponsors allows us to add special and unique items to this continued education training program. There are various sponsorship levels. Conference sponsors will be introduced to the participants several times during the week. Six-foot tables, signage, introduction to the group, and the ability to talk about new technologies will be provided at the workshop. Full exposure is our goal. Call Tom Mueller for details: **1.317.896.9300**.

Commercial Stand

Tables are available for U.S. \$860 for registered companies that would like to display their products and services in the area directly adjacent to the conference lecture hall.

CONFERENCE SCHEDULE AND SPEAKERS

June 11, Monday: Registration and Host Reception, 5:00 to 7:00 p.m., JW Marriott Hotel

June 12, Tuesday: Registration 7:00 - 8:00 at Indiana State Museum

Tuesday, June 12

Day 1 — A Global Overview

Dr Steve Yaninek

Purdue University, West Lafayette, IN Professor, former Head of the Entomology Dept.

Helping Feed the World

David Mueller, BCE

Insects Limited, Indianapolis

25 Years of Sharing Through Education

Dr George Opit

Oklahoma State University, Stillwater, Oklahoma

Stored Product Insect Phosphine Resistance and Managing Pcooids

Dr Jüergen Böye

BM Consulting, Bremen, Germany

Pest Management in Food Facilities in Europe

Dr Spencer Walse

Fumigation Researcher for USDA, ARS, Fresno, California

Current Fumigation Research from Agriculture Research Service

Dr Tom Philips

Donald Wilbur Endowed Professor for Stored Product Protection, Kansas State University

Current Stored Product Insect Research

Dr Michael Doyle

University of Georgia Regent's Professor of Food Microbiology and Director of the Center for Food Safety, Athens, Georgia

A Six Step Program for FSMA

Open Evening, June 12: Enjoy Indy

Wednesday, June 13

Day 2 — New Technology

Dr Paul Fields

Agriculture and Agri-Food; Winnipeg, Canada

Grain Pest Management Research from Canada

Dr Michael Doyle

University of Georgia Regent's Professor of Food Microbiology and Director of the Center for Food Safety, Athens, Georgia

New Technology in Food Borne Disease Detection

Quinn Schroeder

Fumigation Service & Supply, Inc., Toledo, Ohio

Disinfection of Food Plants with Chlorine Dioxide

PEROMONE PANEL

Tom Mueller, Insects Limited, Indianapolis Practical Pheromone Programs

Pat Kelley, BCE, Insects Limited, Indianapolis -Fabric Pest Pheromones and How to Use Them Effectively

Dr. Jim Campbell, USDA, Manhattan, KS, Research Leader and Research Entomologist

Pheromone Research and Development

Simon Ball

Genera, Adelaide, Australia

Sealing Grain Bins with Australian Technology

Jeff Waggoner, ACE

Fumigation Service & Supply, Indianapolis

Structural Fumigations with Sulfuryl Fluoride

Alistair Morton

Artic Systems, Engineering Director,

Copenhagen, Denmark

What do Submarines and New Technology in Rodent Control Have in Common?

Special Conference Dinner

NCAA Hall of Fame Museum

7:00 PM; Dress is business attire

Thursday, June 14

Day 3 — Workshops (select one only)

These two-unique practical hands-on workshops will allow you to witness live programs and techniques seen nowhere else. You will see new electronic fumigant monitoring devices and pheromone trapping programs. It is rare that you will gain entrance to the collection areas of a museum to see how preserving history is essential.

Museum Pest Management

Indiana State Museum first, then to Eiteljorg Museum. 9:00 a.m. JW Marriott Lobby, Pat Kelley (limited to 30 people), back by 3:00; organizer Pat Kelley and James Feston (select one workshop only).

Fumigants and Pheromones Workshop

Shelbyville, Indiana, Fischer Food Grade Seed Company, JW Marriott Lobby (load buses at 8:30 a.m.), back by 4:30 p.m.

S H A R I N G T H R O U G H E D U C A T I O N

INDIANAPOLIS



Indianapolis is called the “Racing Capital of the World.” There are many attractions to visit, including the Indianapolis Motor Speedway where you can visit the Indy 500 Museum and a ride around the track, where race cars compete each May and reach 240 MPH (400 KPH) on a 2.5-mile oval track. Pit stops crews changing four tires and fill the tanks in less than 8 seconds with over 300,000 fans gathering to celebrate this spring time international event in Indiana. The Indy 500 is called the Greatest Spectacle in Racing and the track is a short taxi ride away from downtown Indianapolis. Allow time to enjoy the world famous track and Museum, NBA Pacers’ Fieldhouse, Victory Field AAA baseball, Colts NFL football stadium, and the Indiana rural countryside.



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