

9:30 AM



Entomopathogenic fungi as plant growth promoters and disease antagonizers
Entomopathogenic fungi play a bigger role than the pathogens of arthropod pests. They improve water absorption and plant growth, and antagonize plant pathogens.

Sumanth S. R. Dara and Suchitra S. Dara

Bakersfield, CA

9:50 AM



Leap™: A new dual-action biorational pesticide for plant disease management and insect control

With *Btk* and methyl salicylate active ingredients Leap™ has dual mode of action against pests and diseases and serves as an important tool in IPM programs.

Russ Eldridge et al.

Product Development Manager, Valent BioSciences, Libertyville, IL

Coffee Break-Expo Visit 10:10 AM

10:50 AM



Update on new and improved microbes and other biopesticides from Certis USA

Several new active ingredients and improved formulations introduced in 2016 and 2017 for conventional and organic crop protection programs in multiple crops in California.

Michael B. Dimock

Vice President, Field Development and Technical Services, Certis USA, Maryland, MD

11:10AM



NPVs for lepidopteran control in vegetable production

Opportunities and challenges of including baculoviruses in insect control strategies. USA and worldwide experiences.

Silvana Niedermann

Area and Product Manager, Andermatt Biocontrol AG, Grossdietwill, Switzerland

11:30AM



Expanding horizons for the versatile Beauveria bassiana strain GHA

Increased potential of BotaniGard and Mycotrol through the development of new formulations and the identification of new targets, sites, and uses.

Daniel Peck

Product Development Manager, BioWorks, Inc., Victor, NY

11:50 AM



New microbial pesticides for managing insect pests and plant pathogens

New products based on an entomopathogenic nematode and a biofungicide, their efficacy, and application strategies

Katherine Walker

Technical Service Representative, BASF

Lunch Break-Expo Visit 12:10 PM

1:30 PM



Purpureocillium lilacinum – an important fungal biologic for integrated control of plant parasitic nematodes

Management of root knot and other plant parasitic nematodes in vegetable crops with a beneficial fungus

Kris Rasmussen

Research Scientist, Bayer Biologics, West Sacramento, CA

1:50 PM



BioCeres WP for organic insect control in multiple crops

New formulation based on *Beauveria bassiana* and its target organisms, compatibility with chemical pesticides, application strategies, and intended cropping systems.

Manuel Campos

Technical Agronomist, BioSafe Systems, College Station, TX

2:10 PM



Spear: A new microbe-derived insecticide

Efficacy of the genetically modified yeast-derived insecticide against various arthropod pests, safety to beneficial arthropods, and its place in the IPM toolbox

Don Lester

Vice President of Product Development, Vestaron Corporation, Ventura, CA

2:30 PM



Microbial control of weevil pests in turfgrass

Strategies for controlling weevils and billbugs with entomopathogenic fungi, nematodes, and bacteria-based products.

Albrecht Koppenhöfer

Professor/Extension Specialist, Rutgers University, New Brunswick, NJ

Coffee Break-Expo Visit 02:50 PM

3:30 PM



Microbial control approaches for pests of fruit and nut trees

Cases studies and approaches in managing aphids, borers, and weevils using entomopathogenic bacteria, fungi, and nematodes.

David Shapiro-Ilan

Research Entomologist, USDA-ARS, Byron, GA

3:50 PM



The feasibility and benefits of mixed microbial pesticides

Combined applications of *Bacillus thuringiensis* and *Beauveria bassiana* for managing cabbage looper. Strategies for managing similar pests will also be discussed.

Robert Behle

Research Entomologist, USDA-ARS, Peoria, IL

4:10 PM



Inocucor's IN-M1: A biostimulant that improves crop stress tolerance for increased productivity of high value crops

Inocucor's microbial consortia help plants tolerate stress caused by biotic and abiotic factors. Data from recent strawberry, lettuce, and other crop trials will be presented.

Bill Schwoerer

Western Regional Sales Director, Inocucor, San Luis Obispo, CA

4:30 PM



Impact of BioFit N on rhizosphere biology, soil fertility and crop productivity

Beneficial microbes promote root development, soil microbial community, and plant health allowing plants to withstand pest and disease pressure and improve yield potential.

Gary E. Gross

US Applied Research Manager, Innovak Global Company, Denver, CO

4:50 PM



Microbial control of arthropod pests and disease: perspective of independent private research

Evaluation of microbial control tools for managing major pests and diseases in multiple crops.

Frank Sances

National Director of Research, Pacific Ag Research, Salinas, CA

5:10 PM



Creating 'The VINE', a food and agriculture innovation and entrepreneurship ecosystem in California

Gabriel Youtsey

Chief Information Officer, UC Division of Agriculture and Natural Resources, Davis, CA

5:30 PM

Concluding remarks

[Ag Innovations Conference](#) will be held at The Great Hall located at the International House (at the intersection of International Ln and Thurgood Marshall Ln close to Pangea Parking Structure).

6.0 DPR and CCA Continuing Education Units have been approved

Thanks to the following meeting sponsors for their generous support:

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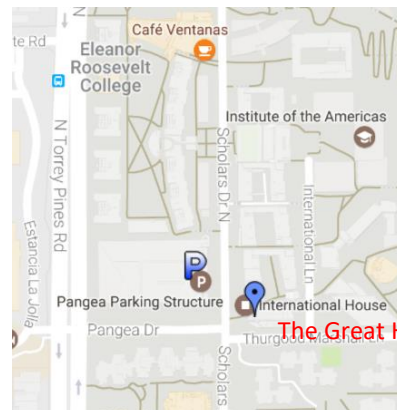
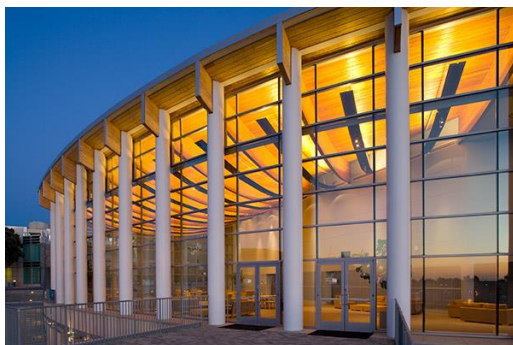
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Parking recommended at Pangea. You can purchase a day permit online for \$8 or pay \$2/hour at the Kiosk.

Visit the booths from the following at the expo: Andermatt Biocontrol, BASF, BioSafe Systems, BioWorks, Inc., Bayer Biologics, Certis USA, Innovak Global Company, Inocucor, Marrone Bio Innovations, Oro Agri, Valent BioSciences, and Vestaron Corporation