

# SCHEDULE OF EVENTS

## SATURDAY, FEBRUARY 12

6:00 PM **Welcome Reception Hosted by Young Professionals, Hershey Lodge**

## SUNDAY, FEBRUARY 13

Morning Session: Starting the Orchard Off Right

**8:00 AM to 12:00 PM**

**8:00 Welcome**

Jeff Cleveringa, IFTA Chair and Jen Baugher, IFTA Board Member

**8:05 IFTA Board Members' Regional Round-Up of 2021 Planting Trends, Challenges and Opportunities**

**8:55 Orchard Replant Research: Biological Foundations and Root-to-Fruit SCRI Project Results**

Dr. Tracey Somera, USDA/Wenatchee

**9:30 Replant Site Assessment, Soil Health, and Cover Cropping**

Tianna DuPont, Washington State University

**9:45 Orchard Establishment: Top 3-4 Tips for Success**

Moderator: Win Cowgill, Rutgers University. Panel - Marshall Saunders (VA), Trevor Hardy (NH), Andre Tougas (MA)

**10:30 Morning Break**

**11:00 Overview of Rapid/Sudden Apple Decline (RAD/SAD) Incidence and Symptomology**

Dr. Kari Peter, Penn State University

**11:10 Horticultural Considerations for RAD/SAD Incidence**

Dr. Rob Crassweller, Penn State University

**11:25 Plant Pathology Considerations for RAD/SAD Incidence**

Dr. Kari Peter, Penn State University

**11:40 Ambrosia Beetles, Borers, and Interactions with RAD/SAD Incidence**

Dr. Sara Villani, North Carolina State University

**11:55 Morning Wrap-Up**

**12:00 – 1:00 Lunch**



# SCHEDULE OF EVENTS

## SUNDAY, FEBRUARY 13 (CONT.)

Afternoon Session : *Technology Updates*

**1:00PM to 5:00 PM**

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| <b>1:00</b> | <b>Robert Carlson Lecture: Tatura Smart Farm and Sensors for Summerfruit Projects</b><br>Dr. Ian Goodwin, Agriculture Victoria, Tatura, Australia |
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- 1:55** **Mapping Apple Flower Stages for Frost Protection Decisions, as Well as Yield and Fruit Sizing**  
Dr. Daeun "Dana" Choi and Wenan Yuan, Penn State/University of Florida
- 2:25** **Development of Robotic Peach Pruning/Harvesting Technology**  
Dr. Ai-Ping Hu, Georgia Institute of Technology
- 2:50** **Apple Orchard Harvest Automation Technologies Update**  
Dr. Ines Hanrahan, Washington Tree Fruit Research Commission
- 3:15** **Afternoon Break**
- 3:45** **Experiences with Leaf Removal Technologies**  
Christian Andergassen, Laimburg Research Station and Mario Miranda Sazo, Cornell Extension
- 4:20** **Experiences with Orchard Technologies - Grower Panel**
- 5:00** **Afternoon Wrap-Up**
- 6:00 - 8:00** **Women's Network Dinner**  
(Ticketed Event)

## MONDAY, FEBRUARY 14

**7:15 AM to 5:30 PM**

### **Orchard Tours**

Penn State University Fruit Research & Extension Center/  
Biglerville, Slaybaugh's Orchard and Shop, Rice Fruit  
Company Packing House, Hollabaugh's Orchard and Farm  
**Buses begin boarding at 7:15 and leave promptly at 7:30**

**6:30 PM to 9:30PM**

### **Social Event 2022**

*Antique Automobile Museum*

Busses will shuttle attendees to and from Hershey Lodge, first  
departs at 6:15



# SCHEDULE OF EVENTS

TUESDAY, FEBRUARY 15

Morning Session: *Precision Fruit Growth and Crop Load Management*

**8:00 AM to 12:00 PM**

**8:00 Welcome**

**8:05 Wallace Heuser Presidential Lecture: Five-Year Overview of Apple Root-2-Fruit SCRI Project**

Dr. Lailiang Cheng, Cornell University

**9:00 A Vision for Rootstock-Based Changes to Future Peach Production**

Dr. Jim Schupp, Penn State University

**9:25 Efficient and sustainable peach production combining new genetics (rootstocks and varieties), training systems and technology of crop production**

Dr. Ignasi Iglesias, Agromillora Group, Spain

**9:50 Profitable Pears Project**

Dr. Ian Goodwin, Agriculture Victoria, Tatura, Australia

**10:15 Morning Break**

**10:45 IFTA-Funded Research "Lightning" Updates/Reports**

NC140 Apple Rootstocks - Dr. Wes Autio, University of Massachusetts

NC140 Peach Rootstocks – Dr. Ioannis Minas, Colorado State University

Sweet Cherry Orchard Systems Project 2020 - Dr. Greg Lang, MSU

**11:15 USDA-ARS Appalachian Fruit Research Center Tree Fruit Research Overview**

Dr. Tracy Leskey, USDA-ARS, Kearneysville, WV

**11:40 IFTA Business Meeting**

**12:00 Lunch**



# SCHEDULE OF EVENTS

## TUESDAY, FEBRUARY 15 (CONT.)

Afternoon Session: PGRs, Biostimulants, and Snake Oils

**1:20 PM to 5:00 PM**

**1:20 A Critical Perspective on Investing in PGRs, Nutritional Supplements, and Snake Oils**

Win Cowgill, Rutgers University, Emeritus Professor

**1:40 ACC and ABA: What They Are, How They Work, and Potential Orchard Uses**

Dr. Polianna Francescatto, Valent Biosciences

**2:05 Experiences with Accede and Metamitron (Brevis) Blossom Thinning in Apples and Stone Fruit**

Moderator: Greg Clarke, Valent Biosciences. Panel: Dr. Anna Wallis, Michigan State University, Christian Andergassen, Laimburg Research Station, Dr. Luis Gonzalez Nieto, Cornell University

**3:00 Afternoon Break**

**3:30 Effects of Ethylene Inhibitors on Pre-harvest Drop, Fruit Quality, and Stem-end Cracking of 'Gala' Apples**

Dr. Sherif Sherif, Virginia Polytechnic

**4:10 Experiences with New PGRs, Biostimulants, and Snake Oils - Grower Panel**

**4:50 Upcoming IFTA Study Tours and Conference**

**5:00 Conference Wrap-Up**

