

HOPS, HEMP & HARMONY

2019 AERGC Annual Meeting Agenda

Colorado State University | Plant Growth Facilities

July 8-11 | Fort Collins, CO

Monday, July 8th | TRAVEL DAY

Afternoon	Check-in/Free time
3:00-5:00	Executive Committee Meeting Presidential Room
5:00-7:00	Registration Open
5:00-9:00	Welcome Reception Legends Room

Tuesday, July 9th | TOUR DAY

7:30-8:30	Breakfast Registration Atrium
8:30-8:40	Welcome & Announcements Salon IV/VI
8:40-9:00	Dr. Meg Suter Agricultural Biosecurity and the 2018 Farm Bill
9:00-9:20	Alex Turkewitch, Greenhouse Engineering, LTD Biocontainment and Biosecurity-What's New
9:20-9:40	Dann Adair, ARGUS Controls Cannabis Production: Biosafety and Biosecurity Considerations
9:40-9:50	Sponsors
9:50-10:00	Break
10:00-12:15	Morning Tours
12:30-1:30	Lunch Atrium
1:45-3:30	Afternoon Tours
3:34-5:00	Return to Hilton FREE TIME
5:00-9:30	Dinner at Canvas Stadium

Wednesday, July 10th | MEETING DAY

7:00-8:00	Breakfast Atrium
8:00-8:10	Morning Announcements Salon IV/VI
8:10-8:40	Dr. Erioco Mattos, Greenhouse Lighting and Systems Engineering (GLASE) A Harmonized Approach to Improve CEA Systems Energy Efficiency
8:40-9:00	Dr. Melanie Yelton, Lumigrow A New Approach to Greenhouse Lighting Control - Evaluation of Control System that Delivers a Consistent Daily Light Integral (DLI) and Reduces LED Fixture Energy Consumption
9:00-9:20	Wil Mannes, Colorado Energy Office & Brian Carlin, Nexant Energy Savings for Agriculture
9:20-9:40	Christopher Small & Julia Janaro, ClarkNexsen LEED Certification and other Sustainable Ratings for Greenhouses
9:40-10:05	Robert Hanfin, LudvigSvenson
10:05-10:15	Break
10:15-10:35	Vincent Harkiewicz, Grownetics Towards a Continuous Improvement Model in CEA
10:35-10:55	Dr. Peter Baas, Growcentia, Inc. How Microbes Can Help Grow Plants
10:55-11:15	David Mcsweeney, Noble Research Institute, LLC Hops, Humulus and Hubris

11:15-11:35	Dr. Pat Byrne, CSU GMO's and Gene Editing in Plants
11:35-11:55	Travel Grant Recipients (2)
12:00-1:00	Lunch Atrium
1:00-1:20	Travel Grant Recipients (2)
1:20-2:00	Whitney Cranshaw, CSU Identifying the Management Needs of Arthropod Pests of Hemp
2:00-2:20	Rob Eddy, Core Cannabis, LLC Upward and Onward: How Plant Science Is Shaping the Vertical Farming and Cannabis Industries
2:20-2:35	Break
2:35-2:55	Travel Grant Recipients (2)
2:55-3:15	Patrick Friesen, PhD, BioChambers Inc. LEDs for Plant Growth Chambers, You Have More Options than You Might Think
3:15-3:35	Jose Morales, Biobest TBD
3:35-3:55	Penny McBride, FarmTech Society TBD
3:55-4:15	Travel Grant Recipients (2)
4:15-4:35	Sean Sangster Fluence Bioengineering
4:30	Wrap up Dinner on own

Thursday, July 11th | Workshop, Plant Sale & Wrap Up Day

7:30-8:30	Breakfast Atrium
8:30-8:45	Sponsors
8:45-9:15	Travel Grant Recipients (2)
9:15-9:30	Travel Grant Recipients (2)/Sponsors
9:30-9:45	Break
10:00-12:00	Workshops & Plant Swap
12:00-1:00	Lunch Atrium
1:00-2:30	AERGC Business meeting
2:30	Meeting Adjourns

Notes

- The **Biosafety and Biosecurity Training Course (BBTC)** plant session begins **Thursday, July 11th** at NOON. This is a separate course and separate registration fee applies. See website for more details: <https://www.bbtcfortcollins.com/>
 - All tours are walking distance from the event venue.
Please bring comfortable walking shoes.
- Parking at Fort Collins Hilton is \$8/night. No fee for day parking.



Colorado State University
PLANT GROWTH FACILITIES