

18-19: Honoring Larry Williams: A Program Focused on Vineyard Water Management

When: Thursday, April 18, 2019, 9:00am til approx 4:00pm

Where: UC Davis Conference Center, 550 Alumni Lane, Davis, CA 95616

Registration Fee: \$225.00 includes continental breakfast, lunch, all handouts and a wine social following.

AGENDA:

8:30-9:00 - Registration and Coffee

9:00-9:15 - Welcome

9:15-9:45: Differences in Spatial Water Uptake of Mg during Drought, by Rootstocks 110R and 101-14, Revealed by Multidimensional Electrical Resistivity Tomography: *Kaan Kurtural, Viticulture Extension Specialist, Dept of Viticulture & Enology, UC Davis, Oakville Research Station*

9:45-10:00 - Developing Vine-Growth Models as Tools for Irrigation Management: *Megan Bartlett, Assistant Professor, Plant Biologist, Dept of Viticulture & Enology, UC Davis*

10:00-10:20 – Water Footprint, Productivity, and Drought Responses of 17 Wine Grape (*Vitis vinifera* L.) Cultivars in the San Joaquin Valley: *Alexander Levin, Assistant Professor and Viticulturist, Department of Horticulture, Oregon State University, Southern Oregon Research & Extension Center*

10:20- 10:30 – Break

10:30-11:00 - Flows, Fluxes, and Flightpaths: Adventures in Quantifying Grapevine and Vineyard Water Use: *Andrew McElrone, USDA ARS, Dept of Viticulture & Enology, UC Davis*

11:00-11:30 - Have We Found the Holy Grail of Water Management? *Ken Shackel, Professor, Dept of Plant Sciences, UC Davis*

11:30-12:30 LUNCH

12:30-1:30 – Technology Panel: *Moderator, Matthew Fidelibus, Extension Viticulture Specialist, Kearney Ag Center, UC Davis*

Using Continuous Soil Moisture Monitoring to Answer the ‘How Often and How Much to Irrigate’ Question: *Mark Greenspan, Advanced Viticulture*

An Actual ET-based Site-Specific Plant Water Relations Model for Generating Water Stress Forecasts and Irrigation Recommendations: *Tom Shapland, Tule Technologies*

Tools and Methods to Assess Vine Water Use and Vine Water Status: State of the Art and Considerations for Irrigation Scheduling: *Thibaut Scholasch, Fruition Sciences*

Question/Answer Period

1:30-1:45: Break

1:45-2:45: Vineyard Management Panel: *Moderator, Nick Dokoozlian, E&J Gallo Winery & Vineyards*

Let's not Forget the Basics! *Daniel Bosch, Constellation Brands*

Winegrape Irrigation Strategies for the North Coast of California: *Francisco Araujo, Atlas Vineyard Management*

Is There a Recipe for Irrigation? *Mark Battany, UCCE Crop Advisor for Santa Barbara and San Luis Obispo Counties*

2:45- 3:45 - Keynote Lecture, *Larry Williams, Professor Emeritus, Department of Viticulture & Enology, UC Davis*

3:45-5:00: Wine and Cheese Reception