

# Agenda

## Agenda

### February 12, 2019

Time	Topic & Description	Speaker
8:15 AM	Welcome and announcements	Dr. Kaan Kurtural
<b>SESSION I: THE CULTIVATED GRAPEVINE</b>		
Moderators: Dr. Monica Cooper (morning) & Dr. Carmen Gispert (afternoon)		
8:30 AM	Grapevine growing cycle and physiology of cultivated grapevine	Dr. Matthew Fidelibus
9:15 AM	Flowering and fruiting of grapevine	Dr. Ashraf El-Kereamy
10:00 AM	BREAK	
10:20 AM	Grapevine water relations	Dr. Andrew McElrone
11:05 AM	Spacing and trellis selection	Larry Bettiga
12:00 PM	LUNCH -	
1:00 PM	Cultivar selection and clonal considerations	Glenn McGourty
1:45 PM	Rootstock selection	Dr. Andy Walker
2:30 PM	Break	
2:50 PM	Strategies for Managing Frost in Vineyards	Mark Battany
3:35 PM	Grape berry ripening	Dr. Kaan Kurtural
4:20 PM	SPEAKER PANEL with audience Q&A	
5:00 PM	Dinner on your own	

### February 13, 2019

Time	Topic & Description	Speaker
<b>SESSION II: ENVIRONMENTAL INTERACTIONS</b>		
Moderators: Larry Bettiga (morning)		
8:20 AM	Environmental grapevine physiology and effects of climate change	Dr. Johann Martinez
9:10 AM	Site suitability: Evaluation of climatic, water and soil factors	Mark Battany
10:00 AM	BREAK	
10:15 AM	Soil assessment and pre-plant amendments	Dr. Luca Brillante
11:05 AM	Redeveloping vineyards - What to consider	Rhonda Smith
11:45 AM	Questions and Answers - ALL MORNING Speakers	
12:00 PM	LUNCH	
1:00 PM	LOAD BUSES & TRAVEL TO OAKVILLE STATION	
	SITE 1: Site assessment and soil pit investigation	
	Demonstration that will include a discussion of factors to consider when selecting sample sites for soil pit, as well as viewing an excavated pit to assess physical factors: soil structure, effective rooting depth, water holding capacity. Will also include discussion of sample collection methods for soil chemistry and soil-borne pests.	Luca Brillante & Paul Skinner
	SITE 2: Trellis types	
	Demonstration of 3 different trellis systems (2 conventional and 1 high wire) to illustrate key required structural /spacing components. Discussion will include appropriate trellis selection based on site characteristics and limitations, as well as effect on crop load.	Larry Bettiga & Kaan Kurtural
2:00 PM-5:30 PM	SITE 3: Training and managing young vines for production	
	Demonstration of how crop management practices for young vines, including how to prune, establish vine infrastructure, and yield adjustment practices.	George Zhuang
	SITE 4: Biometeorology	
	Demonstration of biometeorology sensors to discuss/describe data collecting and how that informs irrigation/frost protection decisions.	Mark Battany

### February 14, 2019

Time	Topic	Speaker
<b>SESSION III: VINEYARD MANAGEMENT</b>		
Moderators: Mark Battany (morning)		

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
8:20 AM	Vine selection and establishment	Larry Bettiga
9:15 AM	Practical aspects of canopy and crop load management	Dr. Kaan Kurtural
10:00 AM	Break	
10:20 AM	Current state of mechanical operations in vineyard management	Dr. Kaan Kurtural
11:00 AM	Selecting a sprayer and optimizing spray coverage	Lynn Wunderlich
12:00 PM	LUNCH	
1:00 PM	LOAD BUSES and TRAVEL to OAKVILLE STATION	
	SITE 1: Irrigation System design	Dr. Daniele Zaccaria
	Demonstration of components of irrigation system and practical aspects of designing, running, and maintaining irrigation systems to ensure appropriate water delivery and efficiency.	
	SITE 2: Grapevine Pruning	Dr. Karl Lund
	Demonstration of cane and spur pruning systems, and practical aspects of pruning and managing the different systems, with respect to crop load, disease prevention, vine health and considerations for cool vs. warm sites.	
2:00-5:00 PM	SITE 3: Air blast sprayer and sprayer calibration	Lynn Wunderlich
	Demonstration of practical aspects of sprayer set up and calibration, as well as strategies to measure and optimize spray coverage while minimizing drift.	
	SITE 4: Mechanical pruning	George Zhuang
	Demonstration and discussion of managing mechanically pruned blocks. Including proper equipment set up to meet target yields and maintain vine balance in a mechanically pruned system.	

### **February 15, 2018**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>SESSION IV: IN-SEASON MANAGEMENT</b>		
Moderators: Gabriel Torres (morning) & Lynn Wunderlich (afternoon)		
8:20 AM	Practical tools for irrigation scheduling	Dr. Daniele Zaccaria
9:10 AM	Monitoring and correcting mineral nutrient deficiencies	Dr. Larry E. Williams
10:00 AM	Break	
10:15 AM	Applications of remote sensing for precise management of vineyards	Dr. Alireza Pourreza
11:05 AM	Diagnostic Techniques in Vineyards	Dr. Monica Cooper & Rhonda Smith
12:05 PM	Lunch	
1:00 PM	Fungal diseases of grapevines in California	Dr. Akif Eskalen
1:45 PM	Bacterial and viral diseases of grapevines in California	Dr. Monica Cooper
2:30 PM	Break	
2:45 PM	Insect pests of the grapevine	Dr. Lucia Varela
3:30 PM	Vegetation management (weeds & cover crops)	John Roncoroni
4:15 PM	Questions and answers-ALL AFTERNOON speakers	
4:45 PM	Program and evaluation and Conclusion	

Webmaster Email: [skkurtural@ucanr.edu](mailto:skkurtural@ucanr.edu)