August 16, 2018 - Thursday

QOLLOQUIM 2	
08:45:09:00	Welcome statements (Prof. Reza Ehsani)
09:00-09:45	Keynote Speak by Prof. John K. Schueller, University of Florida, USA - **Computer and Electronic Research Trends for Horticulture**
09:45-10:30	Keynote Speak by Prof. Lav Khot, Washington State University, USA - **Transitioning from Precision to Decision Horticulture: Technology Landscape**
10:30-11:00	**Coffee Break / Poster Presentations**
Session Chair: Prof. Reza Ehsani (UAVs, Greenhouse engineering, adoption, and other)	
11:00-11:15	Do multispectral and thermal IR high-resolution UAS-borne imagery help in phenotyping the tree response to water stress at field? Case studies in apple diversity population and varietal assays (Prof. Dr. Jean Luc Regnard, Ms. Magalie Delalande, Dr. David Gómez-Candón, Dr. Aude Coupel-Ledru, Mr. Sylvain Labbé)
11:15-11:30	Detection of crop water status using UAV mounted sensors (J. Coulombe, P. Brown, S. White, C. Xu, R. Koech)
11:30-11:45	Factors affecting the adoption of precision agriculture technology by Florida vegetable growers (Assist. Prof. Yiannis Ampatzidis, Ms. Shirin Ghatrehsamani, Assist. Prof. Tara Wade)
11:45-12:00	Analysis of aerodynamic problems in greenhouses and development of an educational simulator using virtual reality (Mr. Rack-woo Kim, Prof. In-bok Lee, Mr. Sang-yeon Lee, Mr. Uk-hyeon Yeo)
12:00-12:15	Light interception measurement using digital image of plug tray pakchoi seedling in greenhouse (Assist. Prof. Jingjin Zhang)
12:15-12:30	Variability reduction using variable rate drip irrigation (VRDI) in Vineyard (Dr. Itamar Nadav)
12:30-12:45	Digital Crop Advisor ' A smart Bayer tool to transfer knowledge (Soni Munish, Albert Schirring, Dr. Dirk Schaefer)
12:45-14:00	**Lunch / Poster Presentations**
Session Chair: Prof. Reza Ehsani - *WORKSHOP ON UAVs in HORTICULTURE*	
14:00-14:15	Workshop
14:15-14:30	Workshop
14:30-14:45	Workshop
14:45-15:00	Workshop
15:00-15:15	Workshop
15:15-15:30	Workshop
15:30-16:00	**Coffee Break / Poster Presentations**
18:00-18:30	**Business Meeting**