

# CE-CERT OPEN HOUSE

WEDNESDAY, MAY 17, 2017 3PM – 5PM

“LIVE” AGENDA – CLICK ON THE COLORED STATION NAME TO VIEW PRESENTATION



Please begin at the **blue** station; all other stations can be visited in any order.



## **Blue Station:** Next Generation Technologies for a Sustainable Future

Exploration of our lab to market technologies and the processes and partnerships needed to meet California's sustainability goals.

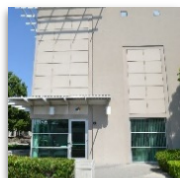
**Nicole Davis, Wayne Miller, Tom Durbin, Kent Johnson**



## **Yellow Station:** Sustainable Integrated Grid Initiative

Researching and implementing microgrid systems that demonstrate successful integration of intermittent renewable energy, energy storage, and electric-drive vehicles.

**Sadrul Ula, Alfredo Martinez-Morales, Mike Todd**



## **Orange Station:** Emissions, Air Pollution, and Climate Change

Coupling portable air chambers with emission sources to study chemical processes and impacts of these emissions in the atmosphere.

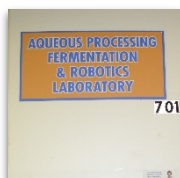
**George Karavalakis, Kelley Barsanti, David Cocker, Mark Vilella**



## **Red Station:** Intelligent Transportation Systems

Using vehicle and infrastructure communication and automation to reduce congestion and emissions on our roadways.

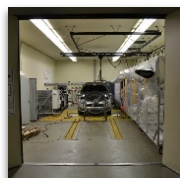
**Matthew Barth, Kanok Boriboonsomsin, Mike Todd, Guoyuan Wu, Peng Hao**



## **Green Station:** Aqueous Biomass Processing Laboratory

Research and development of novel biological and chemical conversion technologies to accelerate commercialization of fuels and chemicals made from sustainable cellulosic biomass.

**Charles Wyman, Charles Cai, Rajeev Kumar**



## **Gray Station:** Emissions, Air Pollution, and Climate Change (Continued)

Coupling portable air chambers with emission sources to study chemical processes and impacts of these emissions in the atmosphere.

**George Karavalakis, Kelley Barsanti, David Cocker, Mark Vilella**



## **Purple Station:** Environmental Aerosol Research

Real-time air quality mapping using low-cost sensors, mobile monitoring and data-fusion and the health effects of combustion-generated fine, ultrafine, and nanoparticles.

**Heejung Jung, Kent Johnson, Matthew Barth**