

MARCH 19TH & 20TH

PEMS

10TH ANNUAL INTERNATIONAL CONFERENCE

2020

***FROM THE LABORATORY TO THE REAL WORLD:
UNDERSTANDING COMMUNITY IMPACTS***

WELCOME

Welcome to the 10th Annual International Portable Emissions Measurement Systems (PEMS) Conference, presented by the University of California at Riverside (UCR) Bourns College of Engineering Center for Environmental Research and Technology (CE-CERT). For ten years, the PEMS International Conference has served a highly recognized forum that gathers top researchers from industry, government, and academia to discuss the evolving nature, application and significance of PEMS in emission and fuels research. Participants and presenters over the course of this conference have ranged in background bringing together individuals working with a broad range of measurement systems, including fully compliant regulatory PEMS (1065 Compliant PEMS) and small systems, which include everything from micro PEMS (μ PEMS), nano PEMS (nPEMS), in-situ sensors, portable activity measuring systems (PAMS), to Real Emissions Assessment and Logging (REAL).

At this years conference we will explore the notion of From the Laboratory to the Real World: Understanding Community Impacts. The focus in 2020 will be on seeking answers to the most pressing questions in today's world pertaining to climate and health. Topics covered will include the latest developments in compliant and non-compliant PEMS; the benefits of PAMS and prediction of in-use emissions; and new developments for on-road measurements from an international perspective, such as Real Driving Emissions.

We would also like to extend a special thank you to our sponsors of this year's conference. Their support and participation is instrumental in our ability to present a successful and world-renowned conference that will continue to host leaders from all areas of measurement systems for many years to come. Thank you, also, to our CE-CERT faculty, staff, and students who work vigorously behind the scenes to coordinate the implementation of the PEMS conference. Finally, thank you to our participants - through your continued support of this academic conference, we have been able to explore some of the most pressing questions surrounding PEMS, cultivating cutting edge technology, and begin development of the next generation of on-board sensors, analysis, and reporting algorithms.

Thank you,
Kent Johnson, Ph.D.
Principal Investigator, Emissions and Fuels Research
UC Riverside CE-CERT

AGENDA DAY 1

7:00 AM	Breakfast and Registration
8:00 AM	Opening Remarks and Keynote
9:00 AM	Government Policy
10:00 AM	Break
10:30 AM	Policy and Technology
11:30 AM	Lunch
12:30 PM	On-board Sensing
2:30 PM	Break
2:50 PM	Research Developments Sensor & Mini PEMS
3:50 PM	Break
4:00 PM	Panel Discussion
6:00 PM	Evening Reception (Hosted by TBD)

AGENDA DAY 2

7:30 AM	Breakfast
8:00 AM	Research Developments
10:20 AM	Break
10:50 AM	2020 Exposure Measurements
11:50 AM	Lunch
12:00 PM	2020 Feature Lecture From the Laboratory to the Real World: Understanding Community Impacts
1:00 PM	Closing Remarks

Poster Presentations will be on display during both days of the conference during breakfast, lunch, and breaks.

Please visit with our exhibitors throughout both days of the conference during breakfast, lunch, and breaks to learn more about their organization and available products.