

AGENDA

CE-CERT

ver. March 17, 2011

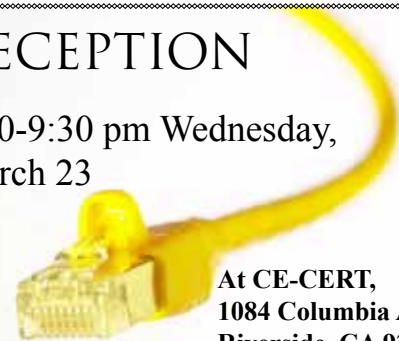


SPONSORS

Engine Manufacturers Association
AVL Test Systems Inc.
South Coast Air Quality Management District
Clean Air Technologies International, Inc.
California Air Resources Board
Horiba ATS
EmiSense Technologies, LLC
Watlow
Sensors, Inc.

RECEPTION

6:30-9:30 pm Wednesday,
March 23



At CE-CERT,
1084 Columbia Ave.
Riverside, CA 92507

SPONSOR DEMONSTRATIONS

AVL	AVL M.O.V.E. Demonstration Vehicle AVL DiTEST integrated portable gaseous & smoke measurement instruments AVL APC 489 Particle Counter
CATI	PM and Gaseous integrated system
Horiba	OBS-2200 (On-Board Emissions Measurement System) OBS-2000TRPM (Transient Response Particulate Measurement)
Sensors	SEMTECH Gaseous and PM PEMS Systems
Watlow	Temperature Sensors and Heaters
EmiSense	Low Cost PM Sensors/OBD

Riverside Convention Center, Riverside, California
March 24, 2011

PEMS: The Latest Tools and Techniques for In-Use Measurements

Moderator: Matti Maricq, Ford Motor Company

PRELIMINARY AGENDA

07:30	Registration, breakfast, and equipment discussions		
08:30	Welcome	Matt Barth	CE-CERT
08:35	Opening Comments	Jane W. Carney	SCAQMD Governing Board Member
08:45	A Focus on PEMS	Kent Johnson	CE-CERT

SESSION 1: Regulatory Perspective

08:55	U.S. Agency	John Koupal	Environmental Protection Agency (EPA)
09:10	European Agency	Pierre Bonnel	European Commission – Joint Research Center (JRC)
09:25	Chinese Experience	Sandeep Kushan	Eastern Research Group, Inc.
09:40	California Experience	Stephan Lemieux	CARB
09:55	U.S. Industry	Shirish Shimpi	Engine Manufacturing Association (EMA)
10:10	Discussion		
10:30	BREAK	Demonstrations, posters and equipment discussions	

SESSION 2: Applications Part 1

11:00	Caterpillar	Joel Squire	AVL's PEMS	Lessons
11:20	Volvo Powertrain NA	Steve Trevitz	Horiba's PEMS	Lessons
11:40	Detroit Diesel	Craig Kazmierczak	Sensors's PEMS	Lessons
12:00	ISSRC	Jim Lents	Sensors's PEMS	Modeling/Global
12:20	Cornell University	Dane Westerdahl	Multiple Systems	Inventory
12:40	LUNCH	Demonstrations, posters and equipment discussions		

SESSION 3: Applications Part 2

14:00	UC Riverside	Kent Johnson	Various PEMS	Ocean/Construction
14:20	NC State University	Chris Frey	CATI's System	Modeling
14:40	CARB	John Karim	Various PEMS	Showcase program
15:00	EPA/ERG	Carl Fulper	Various PEMS	Farm Equipment
15:20	Univ. of Houston	Rachel Muncrief	Various PEMS	Construction Equipment
15:40	BREAK	Demonstrations, posters and equipment discussions		

WRAP UP: Panel Discussion from Regulatory Panel

16:00	Panel Discussion	PEMS usages and recommendations
16:30	CE-CERT	Closing remarks

