



EVENT-AT-A-GLANCE

5 March
MONDAY

6 March
TUESDAY

7 March
WEDNESDAY

8 March
THURSDAY

07:30 – 18:00 Registration	07:30 – 17:30 Registration	08:00 – 17:00 Registration	08:30 – 17:30 Emissions-Related OBD Systems: A Design Overview John Van Gilder
10:00 – 10:45 Introduction to OBD Workshop Part 1: Historical Legal & Logical Background of OBD* John Ellis, CARB	08:30 – 09:15 Worldwide OBD Update Janean Kowalkowski, GM	08:00 – 08:45 Heavy Duty OBD Update CARB	
10:45 – 11:30 Introduction to OBD Workshop Part 2: History of OBD and Implementation Worldwide* Janean Kowalkowski, GM	09:15 – 09:30 OBD Standards Review Mark Laleman, Ford Bobby Gruszczynski, VW	08:45 – 09:30 OBD Experiences: A Cummins Perspective Justin Owens, Cummins	
11:30 – 12:30 Introduction to OBD Workshop Part 3: Common Acronyms* Mark Laleman, Ford	09:30 – 10:00 UDS Security: Preventing Scalable Attacks Ramiro Veredas, Riscure	09:30 – 10:00 Compliance test for WWH-OBD according to ISO 27145 Peter Stoß, RA Consulting	
12:30 – 13:45 Networking Lunch <i>(workshop attendees only)</i>	10:00 – 10:15 Exhibitor Introductions	10:00 – 10:15 Exhibitor Introductions	
13:45 – 14:00 Welcome & Symposium Opening Bernard Challen, Shoreham Services	10:15 – 11:00 Networking Break	10:15 – 11:00 Networking Break	10:15 – 11:45 SEAT Martorell Manufacturing Plant Tour
14:00 – 14:45 On-Board Fuel and Energy Consumption Determination in Light-Duty Vehicles as Proposed for the EU WLTP 2 nd Act Cosmin Codrea, Policy Officer, DG CLIMA, European Commission	11:00 – 11:30 Cyber Security Presentation Bobby Gruszczynski, VW	11:00 – 11:30 J1939 Standards Update	
14:45 – 15:30 Light Duty OBD Update John Ellis, CARB	11:30 – 12:00 Challenges in the Development of a CO2 Monitor Gianna Di Martino, APS-Technology GmbH	11:30 – 12:00 Improvement of OBD Sensor Performance Used in SCR System by DEF Property Characterization in Used Condition Dr. Dariqa Toulon, TE Connectivity	
15:30 – 16:00 Networking Break	12:00 – 13:00 Networking Lunch	12:00 – 13:00 Networking Lunch	12:00 – 13:00 SEAT Martorell Manufacturing Plant Tour
16:00 – 16:30 Experience with OBD in Germany on Emission Testing within PTI and Outlook for Other Areas Hans Jeurgen Maeurer, DEKRA	13:00 – 13:45 A Brief Introduction to Light-Duty China-6 and Key Improvements of OBD Requirements Professor Yunshan Ge, Beijing	13:00 – 13:45 Smart PM Sensor Diagnostics Challenges – GM Perspective Igor Anilovich, GM	
16:30 – 17:00 OBD Experiences: A Ford Perspective Mark Laleman, Ford	13:45 – 15:30 Breakout Sessions China 6 Communication Standards	13:45 – 15:30 Breakout Sessions Diesel Signal Analysis and Classification Requirement (Safety)	
17:00 – 17:30 OBD Experiences: A Toyota Perspective Mort Smith, Toyota	15:30 – 16:00 Networking Break	15:30 – 16:00 Networking Break	
17:30 – 18:00 Worldwide Gasoline Particulate Filter Application Mueller Sascha, Bosch	16:00 – 16:30 Breakout Session Summaries and Q&A	16:00 – 16:30 Breakout Session Summaries and Q&A	
18:15 – 19:15 Networking Reception	16:30 – 17:00 From On-Board Diagnostic to On-Board Emission Monitoring? Perspective on Passenger Car Applications Volker Müller, FEV Europe GmbH	16:30 – 17:00 Implication of Euro6d/Euro6 Step2 Regulation on OBD "Test-Out" Requirements and Comparison with US OBDII Regulation	
	17:00 – 18:00 Two- and Three Wheeler OBD Legislation in Europe and India and the Challenges it Brings Manoj Panda, FEV India	17:00 – 17:30 DEF Injector Monitoring Challenges – GM Perspective Sarah Funk, GM	<i>*Requires preregistration</i>