

CRC 18

By Donald Stedman

Mani made a moment for Steve who hinted that Nigel will bounce the long winded.
Brent gave retiring Steve the supersize plaque. 119 Committee years can not be rescinded.

DIESEL VEHICLE EMISSIONS

Alberto Ayala, adjunct @ WVU led the parade for CARP Phase II.
Bob Fanick's average diesels emit lots of olefins and a semi-volatile zoo.
Nigel's gone from fiddling to dithering with his ACES in an expensive CAFEE.
On-road only outliers matter although we're doing a few average diesels today.
Michaelangelo's artistically modified a Volvo to emission really good.
And Chris Frey's Volvo drivers don't sleep as much as they should!
Our National Labs're designing new engines. Why? For sure don't I know?
On-Road Erlandsson's reality isn't found on his chassis dyno.
Open up your nose and sniff. Guido's buses carry quite a whiff.

TRENDS/EXPOSURES (in opposite order) H.M.

Barb and Rob got a double act. CRC should not ignore.
The school children inhaling hexatriacontane d_{74} .
Roland's shoulder should carry a ship. Surely he deserves co-authorship.
School kids in Las Vegas breathed more pollutants after the school bell rang.
CARB's discovered ratios thanks to Yanbo Pang!
Martin unpronounceable's emissions are way down.
And Gary grooves on the 95-96 gap he sees in every town.

EMISSION INVENTORY

Todd talks trucks and trailers. Anticipates smarter bureaucrats too.
Seungju Yoon says drayage trucks soon had better emit less CO₂.
Kevin says that hybrids potentially do a lot of starts that are cold.
While Tom tells me that consent decree shows NO_x decreasing when old.
Sulekha will make a new particle prediction for EMFAC2009.
Zhen Dai will try to make yet another new cycle to define.
Emissions that Anduradha Shukla measures by PEMS just fine.

DAY II

Cruise and booze and schmooze is good and certainly serves to amuse.

Simon says “thanks” to CRC for providing Auto-Oil results for Congress to forget.
ADM’s donkeys and elephants are pushing the cart. How biofoolish can you get?

EMISSION CONTROL MEASURES

Collins has gone from Riverside to the dark side. But he’s using RSD.
Nigel’s got friends into T&M. Fixing smoking trucks for free.
Dean can find lots of gross emitters, but to fix cost more than 500 bucks.
Karl showed again that RSD works great, but his vehicle’s emission really sucks.
Congestion is a bad idea; Olav’s computer cycles Helsinki.
Melissa measures multiple retrofit buses. NO₂ increases up to “stinky”.
Mano’s SFDIA. Land’s sakes! Will fix the motor even before it breaks!

MEASUREMENT METHODS

Hector and his friends have a new particle panel to help pay.
Imad to find out that there is nothing left to weigh.
Kent says that they can still be reckoned at 50 million counts per horsepower second.
Sherry Zhang’s DPFs really work great, as long as they don’t regenerate.
Matti Maricq is into ejection. Bob’s TSI can really pry for sure.
Alain peut voir en NIR les familles des hydrocarbures.

EMISSION MODELLING

Nam wants his little baby girl to achieve like a Steve Cadle.
Tom say’s she’ll be lucky to even make it to a Mani from her cradle.
Josias is a traitor to the modeling session. He made MEASUREMENTS a lot.
Seungji Yoon and Zhen Dai talked CRC into a half-hour modeling slot.
And Jim likes the RSD I/M data feed as long as it agreed with the government’s need!!

DAY III

FUEL EFFECTS

“Fuel effects are minor compared to fleet turnover,” said Chris.
Arvind has a new approach. With vanadium you can not miss.
Olson’s on a PIB kick; for VISCON should be good.
Matt’s got a NAX and an SCR in a Mercedes I’d like to take home if I could.
Professor Frey again, mercilessly grading shoulders. I hope he’s less hard on his students.
Pablo’s pushing possible permitting for alt-fueled PZEVs with prudence.
The superclean Saab Storey bit showed gas mileage taking an ethanol hit.

OFF ROAD

Butch’s loader’s retrofits show no fault in benefit per pound of salt.
Frey again dozing. I thought it a joke when I wrote of the humble mole.
Soon to be faced with an EPA standard in grams per hole.
Andy and Chengfeng, CARB’s enforcers for a ship fuel sulfur saver.
Will the US Navy have to apply to CARB for a Federal ship wavier?
Mr. Agrawal’s ships cast a pull of OC smoke that cover’s all.
I’m happy to say that now EPA is looking at emissions in a fuel-based way.
There came Saeed from Emistar. Wants to reduce NO_x below par.
Some of us here say “lousy idea.” That will make ozone much worse by far.

PARTICULATE MATTER CHARACTERIZATION

Jim Carroll’s in Kevin Whitney’s spot. Fresh oil can boil. Old oil does not.
Diane’s from OZ, Brisbane indeed. Thank you for slides that I could actually read!
Oliver’s increased N₂O is no laughing matter. Raffaello’s artistic too with nanoparticulate scatter.
Ajay’s truck is on 91. We like to measure trucks there too.
Kittleson measures in Minnesota; says sulfur reduction is good for you.
Rob Harley’s trucks leaving his tunnel are somewhat skewed but not new.

How come Chris was allowed to race
To squeeze five talks into four talk’s space?
Jane, Reina, Jan, Chris and Brent
Thanks as always for how well this went!!