

16th CRC On-Road Workshop Poem
Donald H. Stedman

Steve and Mani ... "Stay on time" ... Beware of the rainy season

Emission "Control" Measures

Consternation! Gary showed even if M6.2 were right, it would be for the wrong reason!

"Taxis go around with the light on," says Celia Shih about OBD.
Don't call him Andy's ASM pullovers fail all the top RSDs percentage three.
CARB's Namita's a physicist fixing so few vehicles with absolutely no uncertainty!

Steve Stewart showed that diesels do NO as well as smoking black.
While Olavi Koskinen's trying to put Finnish trucks back on the railroad track.

Particle Measurement Methods and Results

Iridium Ireson and Hopanes Barb, Got 20 minutes for only two buses...newer.
Mingming should be envious. She only got 15 to show that Method 5 is poor.

Tao Huai likes L.I.I. CARB is looking at on-road emissions! Oh, My!

And Jorn the heretic with EEPS says, "Lab. Results may not reflect on-road."
Manfred Linke listens to resonant soot. "Real-life is not a dyno load."

While Ville the Finn has a thing
From Dekati which is good at diluting.

Kittelson likes his sulfur trap new...
And takes poetic license too.

Measurement Methods

David Booker did his thing
With no operational problems except spelling,

But look outside and see if the US EPA are in trouble in this state
For illegally obscuring their government license plate!

Shade stood in for WVU's Carder.
Getting two PEMS to agree is harder.

Khalek says 2008 PM is the same as the tunnel blank,
While Hector gets an extra 5 minutes to say his PEMS don't agree at all, to be frank.

Kaishan Zhang's correcting slow detectors. Why not get one that works faster?
Lutz Kraemer says that he can correlate. At both rich and lean, he's master.

Fuel Effects

Jim is from the government. He's here to help us try.
To use the right fuel and keep buffalo chips in ample supply.

How unreal is Durbin's zeal? 50mg/mi in the lab. I see,
But on the road outside they have 50g/mi HC.

Robert Harley's on an aromatic gig.
He sees benzene reductions that are really big.

Cohen computes a predictive model with invisible super emitters at hand.
While Presidente Darlington models murky MTBE minimization in Maryland.

I wonder why CARB can't talk about their Smog-Check data and fuel Phase 3?
Shih-Hao Pang says place your biodiesel plant in a location that's ozone free.

Motorcycles is how they commute today;
Says Yung-Chen Yao in Taipei.

Gasoline Vehicle Emissions

Randy's new data are something to be reckoned.
He'll know where his wife's car is every second!

Stanard says when T goes down, HC and PM have an upward slope,
And this might relate to regulations. Some hope.

Postponed Bartley, an unsuccessful POx
Upon 20F emissions, all for lack of Ox.

Graham's our Canadian cracker,
Can't be caught as a warmer winter backer.

Tang has a TEOM that shows negative mass. I guess that's nothing new.
And Dan has thousands of RSDs for NH₃ and SO₂.

Doug is doing his iconoclast thing. Gridlock is helping L.A.!
And if you go on reducing NOx, Ozone will never go away
Is anyone listening? Or have the regulators gone home for the day?

Joan Embery has a pretty neat ranch and a pretty neat message, I'd say.

But the Cheetah reminds me of I&M, and the python the EPA.

Diesel Vehicle Emissions, Models and Aftertreatment

Mridul didn't show any cycles. How kind.
With a decent catalyst HC goes out of mind.

Nigel thinks that 2gm/mile HC is "very slight."
I'll sic Tom Durbin on him late one night.

Juhani's roll is 8m around. Buy from right manufacturer and you can not miss.
Mohan's into sensor failure. Why is it that neural nets always shows future promise.

Dan stirred up the diesel hornets nest. Expected with 1500 real-world trucks maybe?
Miller stands in for Cocker's three trucks, aced out by one baby.

Guido's a Guy into retrofit. It's true
That he can make a Euro5 from a Euro2.

Off Road

Abhilash did then let slip the emissions of his 3MW container ship.
Have care how you treat the owners lest they treat you to a dip!

It's time to retrofit the diesel ATVs mining the New York City streets at night.
The Yellowstone lawsuits would be quick and cheap if we forced deliberations in winter
and on site!

Wayne again! With rules of thumb that are not dumb his goal.
Chris is reinventing off-road standards in grams per hole.

Emissions Modeling

John Koupal gave us a fix that MOVES will happen in 2006
Koupal again for Michaels. Very uncertain about an uncertainty fix.

Bringing your TDM into a MOVES-like format. Haibo Zhai explains.
Megan's making modern MOVES, but stuck with VMT remains.

Ed stands in for Dave Bz.
MOBILE6 is wrong for cold HC !

Particulate Matter

Sandeep is getting a hairstyle like mine. Perhaps Koupal could give him advice.
Fulper's a trooper for EPA. They're finally discovering high emitters ... How nice!

Eric has data... far too much.
And Ed is into apples and such!

Erika Roesler may be making a silk purse from the ear of a sow.
It is probably impossible to take poor, slow data and make it faster anyhow.

Thanks

Thank you Jan and Jane and Lois, Brent and Chris
For a wonderful meeting that I never plan to miss!

Don Stedman
University of Denver