

**17th CRC On-Road Vehicle Emissions Workshop
March 26-28, 2007**

Session 1 - Diesel Vehicle Emissions

Mani makes us welcome
After Steve says "walk to lunch for free."

Josias shows no bias
Most every fuel is better than ULSD.

Alberta Ayala's going for the gold car.
Hard to get it past the custom's man.

Fanick's found someone to pay him to make diesel exhaust.
Actually "fake" is the plan.

Olavi says, "Uniform cycles – no way!"
U.S.S.R. used to be hard to get in but nothing compared to today's USA!

Iridium Ireson: Heavy oil you can trace.
You'd better cover your crankcase!

Benjamin Shade got a Volvo for free
To test his "work windows" for NTE.

Some Mohan slides I could not see,
But I'm sure his model works perfectly.

"Federal standards are actually working," said Tom
With \$'s from the consent decree.

Session 2 - Emission Control Measures

Frank proved that Anchorage's I/M would clean the air
If failing cars actually get repair.

"CARB believes in standards," says Haste
But evaporative retrofit's a waste.

Celia Shih believes OBD fails actually get fixed.
"Something happens between fail and pass," says Amlin
And OBD alone as I/M should be mixed.

Peter Sturm came from Austria then,
Told us it's hard to reduce PM₁₀.

Session 3 – Portable Emissions Measurement Systems

Mridul's MEMS is more uncertain than I would have thought.
Booker's cross-country OCM jaunts were taken in Jingnan's slot.

Kent took CE-CERT's trailer to Texas to check it with Southwest.
For cleaner air, Wei's negative exhaust flow surely is the BEST.

At the end of the day, we all got to play

Around the deck of USS Midway.
Thanks for the food, the tours, and the good company.

DAY 2

Keynote speaker Professor Bob Sawyer's
Hiring economists...and lawyers?
Thought that at 71
CARB would be FUN!
Remarkable Professor Bob Sawyer.

Greenhouse gases affect all the world the same.
Tell that to some with a Bangladeshi name!

Session 4 - Gasoline Vehicle Emissions & Emissions Inventory

Hydrocarbon Doug has pretty colored bars.
One high emitter = 1000 normal cars.

George & Rob – their tunnels are great.
George is searching gainful employ circa 2008.

Guido's fuel economy's hard to get in verse.
Compared to his hybrid, his diesel's not much worse.

Lisa's dyno's in the deepest freeze.
Hybrid does not like the cold it sees.

E-23 is over. Emissions are down, Gary said.
He needs a CRC follow-up to keep himself in bread!

Hannah elevated Harold Haskew into a community resource!
Eric's hunting hopanes and steranes in lube oil as a source.

Randy's really losing his grip.
Only going 7.3 miles per trip!

Session 5 - Measurement Methods

Photoacoustic black and nephels scatter. Campbell's got the photon shooters.
John Collins has finally seen the light, sniffing real polluters!

Tao's smokers black and blue.
R&D at A.R.B., that's NEW!

Shimpi came to CRC allowing partial flow sampling would be nice.
So that TSI and Dekati can each sell their excellent device.

Kathleen's cavity is ringing down.
Is it ready to go out on the roads?

Nigel's dithering his throttle and he's doing it in four new modes.
High-speed Hector wants a new committee to help him with PM loads.

Session 6 - Emissions Modeling

Max considers many motor methods; Chrysler, GM and Ford.
This time Megan's MOVED to Washington and Nam to the maternity ward.

If MOVES moves so slowly, then we are stuck with MOBILE6 until at least 2010

Michael will update EMFAC soon,
Even to link and grid with Yoon.

Frey from N.C. says, "It's true,
You won't save the world by going to H₂ "

Bulldozers and boats, tractors and tools
CARB gave that mess to Tess!

Session 7 - Fuel Effects

Ten unbroken vehicles Harold will surely use
To investigate emissions on various grades of booze.

Day 3

Kevin, if I ever make it to 85, can I be only 70 in winter snow?
"CARB is happy to accumulate mileage," says Pablo.

Unbroken low emitters remain unremarkably low.
Matti measures micro-particles when and where they are.
One day may use Innova, but now uses HFTIR.

Session 8 – Off Road

That's EPA's getting real-world fever is plain.
Debbie, "What is N.T.E. for a bulldozer or a tower crane?"

Where is Chris coming from? He felt better when his data agreed with the model as control
With the exception of NO₂, Block's making a big, low-emissions hole.

Chengfeng Wang from CARB transformed a Ship into a Commercial Boat.
While Lisa shows that Canadian locos just look like a big bus that would not float.

Session 9 – Particulate Matter Characterization

Barb had to turn her chamber from a weekday to simulate a weekend effect
Allen's a member of the "Secondary Aerosol community." Is that a religious sect?

Foxy John's been at EPA for 18 years studying cars and trucks.
How many G.P.s could you fix for \$4 megabucks?

Chasing trucks in Wilmington. Herner's got a mobile lab E.V.
Kittelson is saving bouncing rats from diesel particularly.

Strawa from NASA is searching for climate effects in the Caldecott Tunnel.
Rushton from Cambustion gets good data from one car and his funnel.

The late Matt Thornton's doing biofuels both rich and lean.

How come Washington, D.C. knows better than big oil how to make gasoline?

* * * *

Thank you, Steve and Mani, Chris, Brent, Jan, Jane, and Lois too.

These well-run events are so much fun, only because of you.

Tim is gone. His presence we miss.

But most of all we're going to miss Lois

Her literary talent I'm compelled to remark

Provided all my juicy comments regarding Professor Nigel Clark!

By:

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