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The Art of Poetry and Its Place in the History of the Coordinating Research Councils Real World Emissions Workshop {poster}

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The Art of Poetry and Its Place in the History of the Coordinating Research Councils Real World Emissions Workshop

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www.feat.biochem.du.edu/poems.html



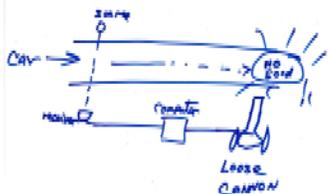
Overview

The inclusion of poetry in a serious scientific meeting is to say the least uncommon but uncommon only begins to describe CRC's self-appointed poet the late Dr. Donald Stedman. Don admitted in his presentation of the poem for the 26th CRC Workshop that this was his attempt to write a summary of all the talks for those who were unable to hear them all. An Englishman with strong opinions Don was not shy about expressing them, occasionally striking a nerve in those he skewered. This undoubtedly led to the absence of some of the poems from several of the Workshop proceedings.

Don we believe, penned poems for all of the workshops that he attended (all but the 4th in 1994) as Sandeep Kishan remembers the summary of his talk from the 1st Workshop in 1990 in Newport Beach. However, I have only been able to recover poems from the 3rd and 8th – 26th which are readable and searchable on the FEAT website (see link or QR code above). The web page also includes a link to a video of Don presenting his last poem at the 26th CRC Workshop, which ironically was again in Newport Beach.

Since the poems each year come straight from the talks many of the topics and speakers are repeated year after year allowing Don to develop topical threads that are woven into the numerous poems. In addition Don "Quixote" Stedman battled a constant stream of windmills in the poems and repeatedly expresses his disdain or dismay for a particular topic. However, Don repeatedly comments at the end of many poems on how important he believed that this Workshop was and that it was one that should never be missed. I have taken suggestions from other long time attendees in an attempt to uncover some of the high and low lights found in the poems. This poster is a look back at one man's take home messages from the hundreds of fifteen minute talks that he heard and that you might now re-remember!

1990: CRC-APRAC Vehicle Emissions Modeling Workshop No. 1



Don's vision of a vehicle Inspection and Elimination (I/E) program using remote sensing conceived during the first workshop in 1990. This idea likely would have run afoul of littering and noise ordinances.

The Search for Cycles of all Kind and Don Whines!

EPA's been in control for 20 years "without the foggiest idea how people drive"
Corporate executives who don't have the foggiest idea usually fail to survive
7 speakers and 1½ hours later EPA finally got the gist
The "one true representative driving cycle" simply can not exist. (3rd - 1993)

OFF CYCLE

Honk Honk black car. FTP's the rule
"Yes sir, no sir, three bags full"
\$1000 for the tester
\$1000 for the test
\$1000 for the bureaucrat who insists that we invest. (3rd - 1993)

Kevin Cullen's cute Camaro has a ROVER. Weird data when going round a twist
But that's OK because on FTP, hills and corners don't exist! (9th - 1999)

Excavator Tierney works at OTAQ developing new test cycles. Do they have nothing else to do?
Let us pray for the soul of the humble mole, soon to face a standard in gm/hole. (10th - 2000)

Why is "flat-world" Hector looking at lots of data on-road?
Why to develop a dyno cycle which actually has the right load! (12th - 2002)

On-Road data are from a single-roll dyno with a radius of 6000 kilometers! (13th - 2003)

Mridul and Karl go for OBS. Beats the dyno cycles on which others obsess. (14th - 2004)

Hector's really coming around. PEMS emissions on-road!
He's using my single roll dyno. Radius 6000 kilometers and realistic load. (15th - 2005)

Mercifully we survived a day before we got a drive cycle new.
But that is what we would expect from Pragalath and Saroj at WVU. (26th - 2016)

The Line that Keeps on Giving: Nigel and Randy

Nigel Clark of WVU gave a talk in 2002 that was not a talk but a video with a blue grass track for the background music and a theme was born!

Nigel's asking for a ripe tomato. Fiddling with his Peterbilt in the key of C with additional vibrato! (12th - 2002)

Nigel's stopped fiddling with his Peterbilt. Actually gathering data more.

Pat is pushing photoacoustic for peace in the "carbon war".

Nigel now is into dance steps. Its enough to make you weep!

Heavy Duty Diesels doing the "Hector Maldonado" creep! (13th - 2003)

Sandeep sees several species; Semivolatiles surprises.

Get Nigel animated with a Mack and you'll see how his nanoparticle rises! (14th - 2004)

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. (17th)

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! (17th - 2007)

Nigel's gone from fiddling to dithering with his ACES in an expensive CAFE. (18th - 2008)

Randy Guensler from Georgia Tech was an early adopter of telematics but it was his wife who became the star of this theme.

Phillip Enns says he has no idea what he is doing so have no fear.

For Randy Guensler has flown in just in time to give a talk, not much different from last year. (8th - 1998)

Randy gave a new talk this year, different from the last.

He now knows where his wife is going, and exactly how fast! (11th - 2001)

Randy's wife makes multiple trips. Mostly to the mall with the gang.

While "4% of the 88s put on 20% of the miles", says BAR's Melinda Yang. (13th - 2003)

Ted can't find aggressive drivers to save his life.

Perhaps he needs to borrow Randy Guensler's wife!

Speeding isn't only the wife. Randy's single friends are risking their life. (14th - 2004)

JCAP's Hirai has an RSD supply; older trucks with gross emitter trends.

It isn't just Randy's wife who speeds, it's 476 of his friends! (15th - 2005)

Randy's new data are something to be reckoned.

He'll know where his wife's car is every second! (16th - 2006)

The Champion for RSD and Lots of Real-World Measurements!

Hien spent a megabuck on 12 vehicles whose emissions are small.

By taking logs he can get results which may not relate to air quality at all. (9th - 1999)

CECERT's Durbin told us why we came here from afar

Most of the emission benefit came from fixing just one car! (9th - 1999)

Eminent Durbin tests and tests irrelevant cars for S in Lube.

Also eminent John sees NH3 fast with TDL in a shining tube.

Fairbanks Frank finds facts in test. Fixing broken cars is best. (13th - 2003)

Bob says RSD works fine. Maybe he's biased because his hairstyles like mine! (14th - 2004)

Koupal's courting trouble using RSD.

But it's OK because he's only using it to decide which trucks to see. (20th - 2010)

Our US EPA has finally gotten away from "The World is Flat." Hurray!

And furthermore they finally see the need to base their sampling on RSD! (21st - 2011)

Adam beats upon his dyno cycle to resemble reality fast and slow.

With RSD we discovered NH3 from LNG. Arvind turned it into a source of dough. (24th - 2014)

Kotz has one good 2015 bus. Gets about 5 mpg.

Yoon has four more good trucks for NOx control on HDD.

Arvind has more authors than trucks and graphs no one can see.

Jesse Tu has three more trucks. How bored can I get with NTE?

Only six authors and seven trucks new. But Berk's wearing a tie too.

We hear the pleads by Karl from Leeds

That an efficient PEMS can meet our needs.

Boies I may be biased but I can see

That the best use of PEMS is to check your RSD. (26th - 2016)

A Pre-Emptive Strike (15th - 2005)



The story of Ed Grovers presentation at the 2005 CRC On-road Emissions Workshop was mentioned at his retirement - the conference was infamous for having the late Dr. Don Stedman get up and give a poem that at the end managed to be both eloquent and insulting to every single presenter in the conference. Ed was making his first presentation at CRC and was very nervous about being zinged in Don Stedman's poem, so he decided he was going to make a pre-emptive strike. At the end of his presentation ("Evaluation of Remote Sensing Data for the MOVES Model") he put up this tabloid cover! Ed Nam, also from EPA, followed Ed Grovers talk and Don penned the following lines:

Gene didn't come; sent Ed and Ed. Two Eds are better than one.

MOVES might use on-road emissions data! What fun.

Models new: not CO₂; Red states and Blue.

RSD is not a myth! Who is it that Oprah's with?

Too Good to Leave Out!

Eric Fujita's talk had the data censored until approved by his committee:
Eric who? Works at D.R. what? Talk without results sucks. (8th - 1998)

Nigel 3rd has a contract out on the guy who put him last.

Fell through a time-war in his neural net and ended up in the past. (11th - 2001)

Dave Kittleson likes to follow trucks. If the teamsters find out it must be said

The particles won't be volatile, won't be nano and will be made of lead!

Billion \$ regulations are what regulators do.

Evaluate effectiveness? The \$'s are too few.

Saj said stuff which I was sure never would be said.

Don has data which he says AGREES with models from the Fed!

Katie came from Oak Ridge here. Boy must she be lost.

A National Lab is going to design an instrument at low cost! (12th - 2002)

Harold's rigs remain stark naked. Ethanol enhanced emissions specially when baked.

Steve's presentation seems to say that I'll break state law when I use ethanol today.

Ben agrees that even CARBOB doesn't do the job.

Ethanol is good in beer or tequila with a lime,

But its effect on CARB is unreadable slides and inability to keep to time. (15th - 2005)

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. (16th - 2006)

Nigel thinks that 2gm/mile HC is "very slight."

I'll sic Tom Durbin on him late one night. (17th - 2007)

Tom Cackette really is a rocket scientist, his boss a superhero (Keynote Talk)

Who talks funny, but then so do I. "Emissions must go to zero."

Everyon vill ride ze electric bus." Shades of the late Emperor Nero. (20th - 2010)

Koupal pronounced what EPA regulations mean. (21st - 2011)

"We approve anything that reduces emissions." Like recessions and \$5 gasoline?

Imad's making a "standard" mix of aerosol soot and wax.

Minnesota has well-built strippers fashioning fractal particle "facts." (22nd - 2012)

Saint Alberto came down from the Sacramento Mountain with Commandments Ten.

California's dreaming continues toward reality? Expecting arrival when? (25th - 2015)

A fill in for a Keynote speaker who unexpectedly lost his job.: (26th - 2016)

Last minute Miyasato, optimistic to the most. Not yet fired from the South Coast.

Acknowledgements

The author would like to acknowledge the contributions of many others, who will remain nameless, in recalling specific passages from the past that were near and dear to them.

Disclaimer

The statements and conclusions in this poster are those of the author and do not reflect the views of the Coordinating Research Council.

