



# On-Road PM mass emission measured with OBS-TRPM

**Poster Session Location Number  
P-14**

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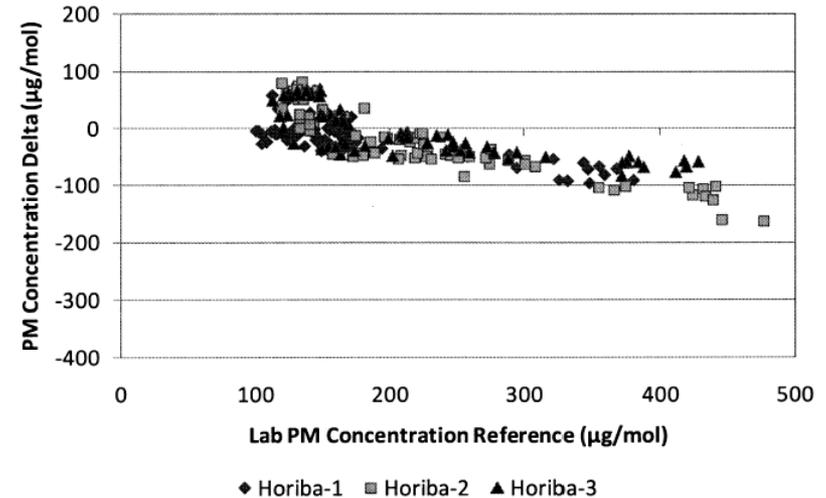
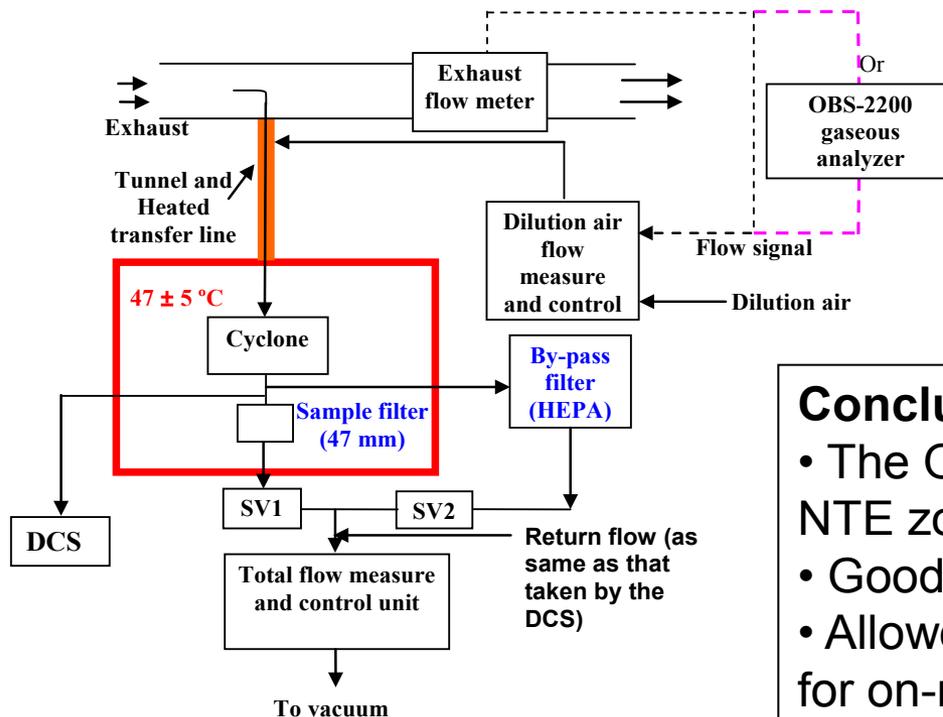


**2010 Directions in Engine-Efficiency and Emissions Research  
(DEER) Conference  
September 27<sup>th</sup> – 30<sup>th</sup>, 2010  
Detroit, Michigan, USA**

# On-Board Transient Response Particulate Measurement (OBS-TRPM)

OBS-TRPM tested in EPA PM-PEMS allowance study

## Flow Schematic



## Conclusions:

- The OBS-TRPM measures PM emission in NTE zones and real-time PM mass emission
- Good repeatability and reproducibility
- Allowed by US EPA as a PM-PEMS instrument for on-road PM measurement
- Recommended by European Joint Research Council (JRC) as a reference instrument for the on-board PM measurement