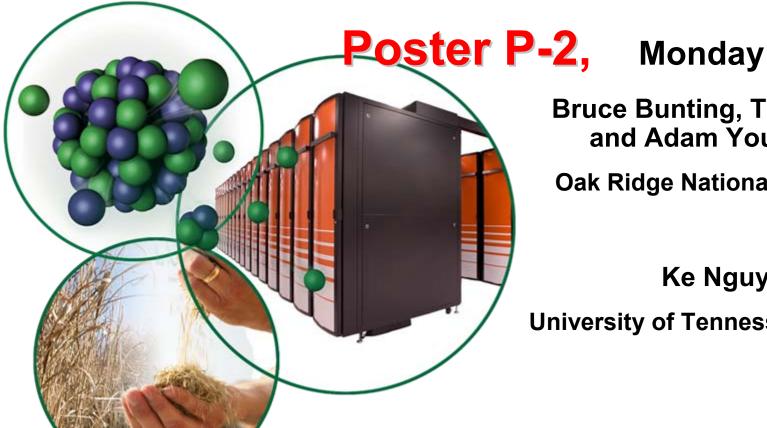
The Development of a Small Engine **Based Ash Loading Protocol**



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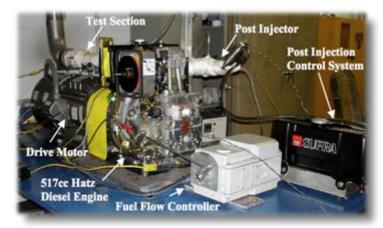
Ke Nguyen

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Research is supported by the U.S. DOE Office of Vehicle Technologies

Components supplied by Umicore, BASF, NGK, and Dow

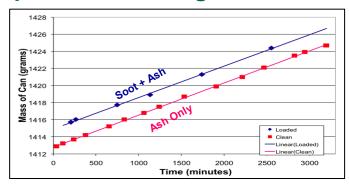




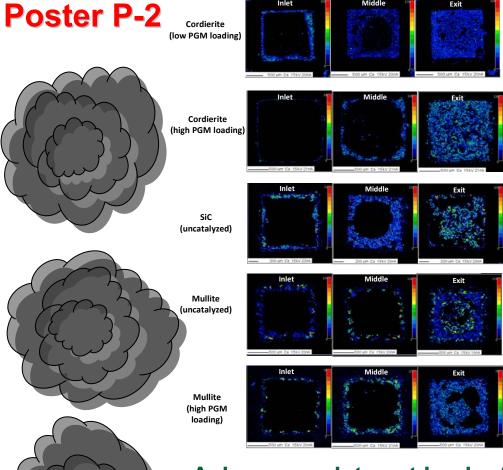
Small engine based protocol, 5% lube oil added to fuel



Continuous ash loading, periodic soot regeneration



Ash increases linearly



Ash accumulates at back of filter, some differences by substrate and wash-coat type

MORE DETAIL, SAE 2008-01-2496, THIS FALL

