

Development of a Non Air-assisted Thermal Regenerator

Poster Session Location Number

P-4

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Non Air-assisted Thermal Regenerator

- **What is a Thermal Regenerator?**
 - *Active DPF Regeneration*
 - *Insensitive to Vehicle Duty Cycle*
 - *Insensitive to Fuel Sulfur*
 - *Heat source for SCR thermal management*
- **Why is “Non Air-assisted” important?**
 - *Vehicles without high pressure air*



- **Results**
 - *Low Hydrocarbon emissions*
 - *Good Ignitability*
 - *Nozzle Durability*
 - *FTP Control achievement*

