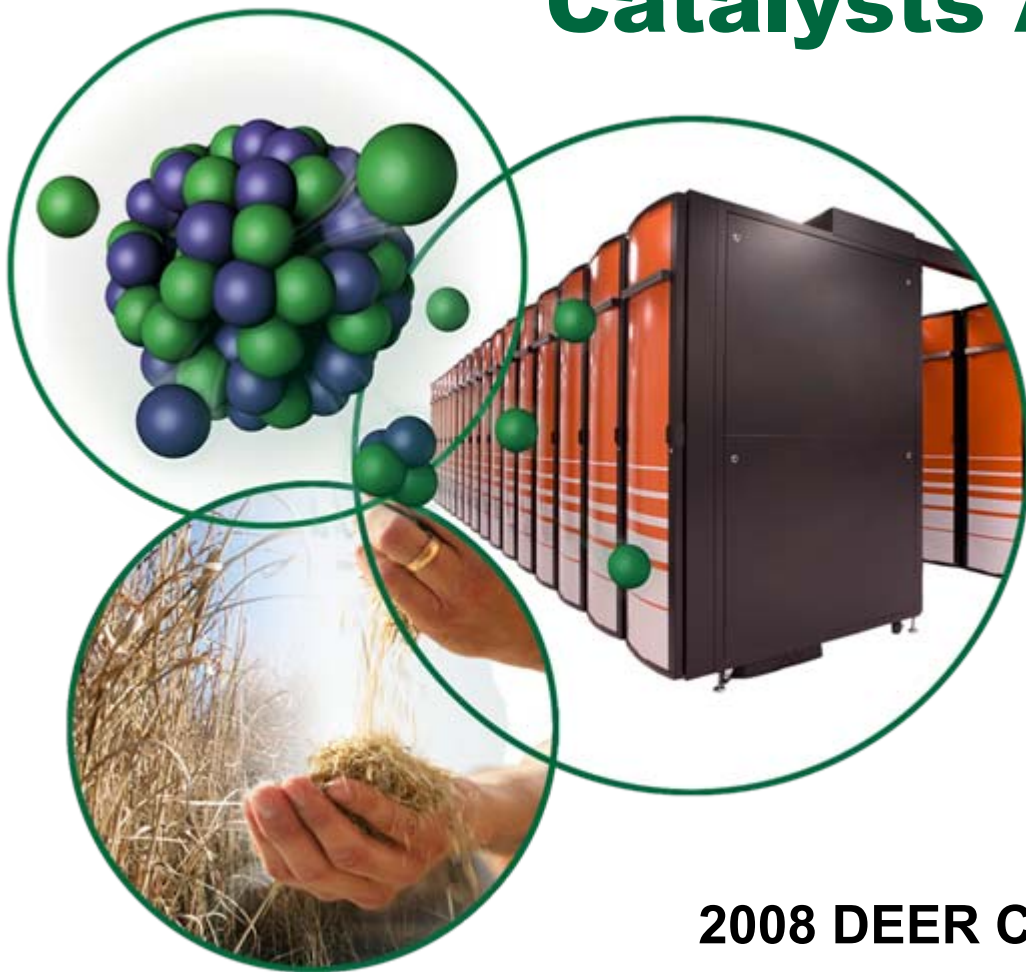


Thermal Deactivation Mechanisms of Fully-Formulated Lean NO_x Trap Catalysts Aged by Lean/Rich Cycling



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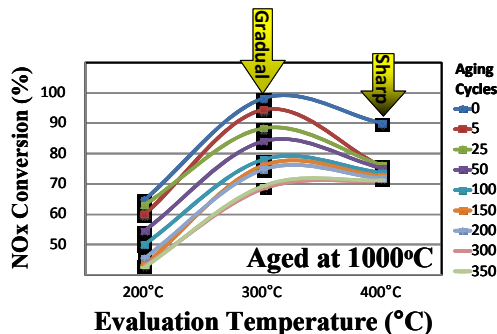
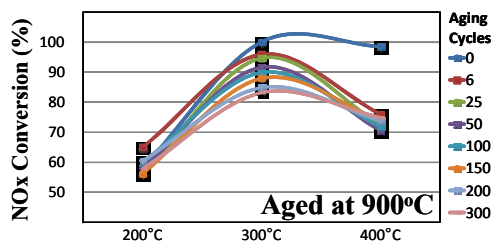
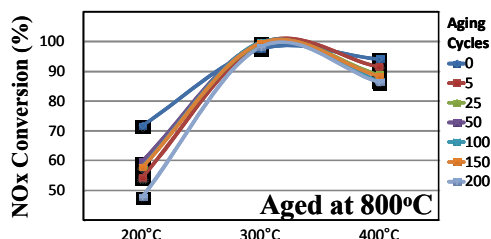
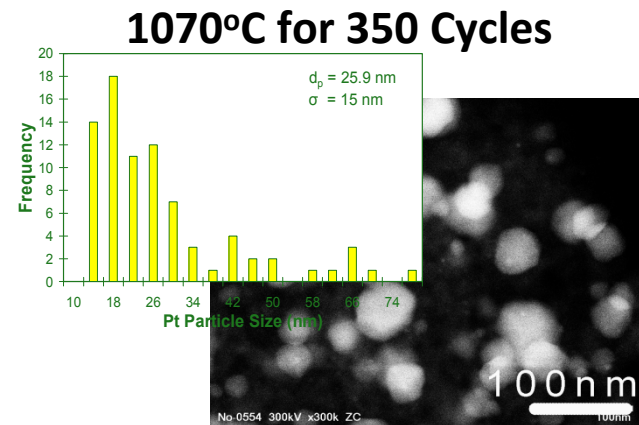
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Tuesday, August 5

Thermal Aging of Lean NO_x Traps



- Technique developed for bench reactor and LNT cores
 - In-situ generation of exotherm under lean and rich conditions



- Characterized materials effects and correlated to performance losses
 - PGM sintering, LNT surface area, XRD phase changes
 - Able to show strong correlations of materials changes and performance losses

