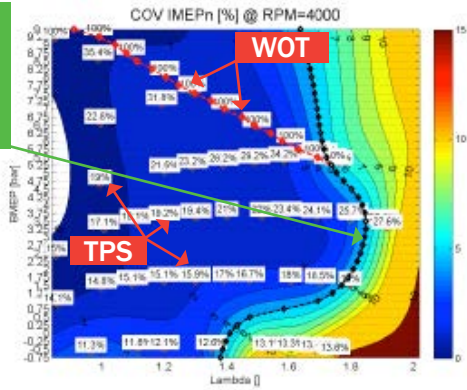


LOW TEMPERATURE COMBUSTION & EMISSIONS

STABLE COMBUSTION

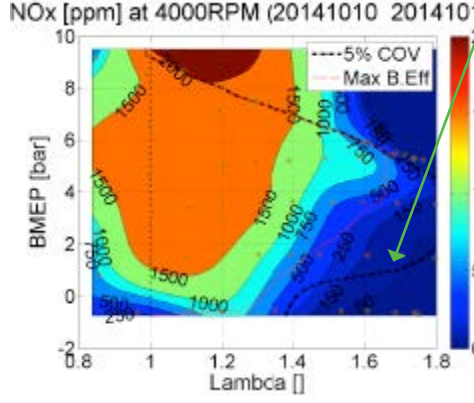
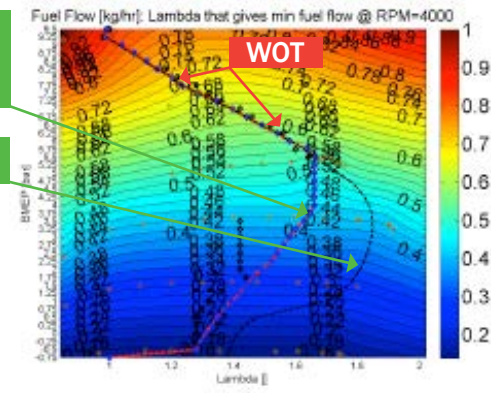
5% COV
4k RPM
85% Dilution



Scooter Euro 6 NOx with carb' & 2-way cat
SAE 2013-32-9064

Best Fuel Economy

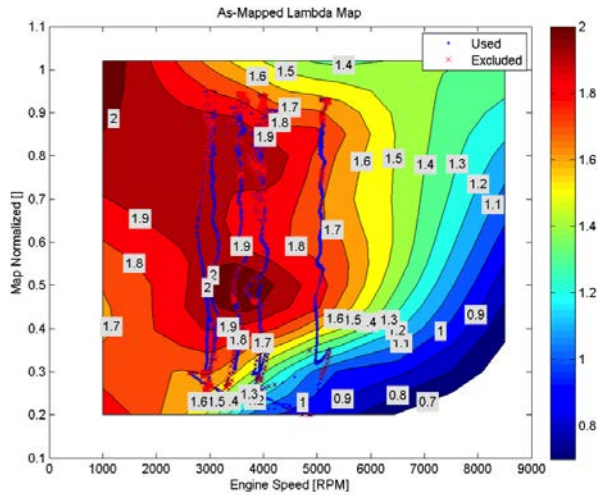
%5 COV



50ppm NOx!

Lean Burn Test Results (110cc)

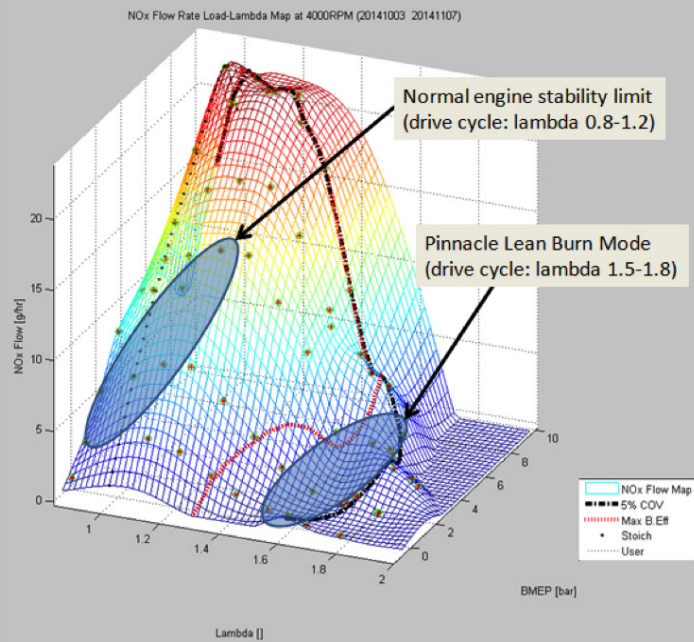
LOW TEMPERATURE COMBUSTION, EXTREME DILUTION – HCCI-Like (greater than λ 2.0)



110cc MPFI

- 2.7 bar Fuel Pressure
- Dual spark plug
- Single double-ended coil
- 25mJ total energy
- \leq 5% COV Net IMEP
- ~32 deg Spark Advance

Lean burn capability



Low NOx (110cc 15:1 Test Data)