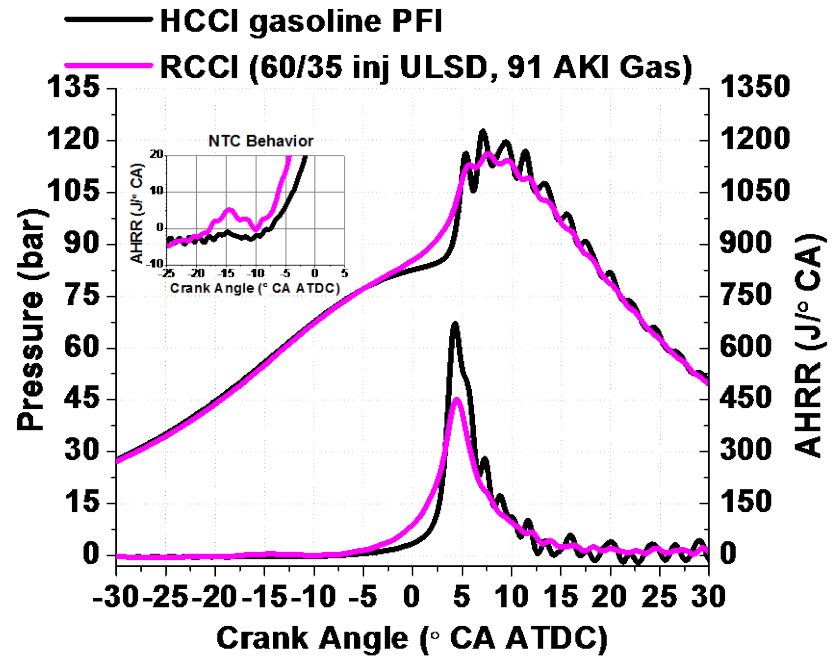
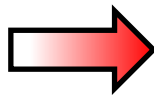
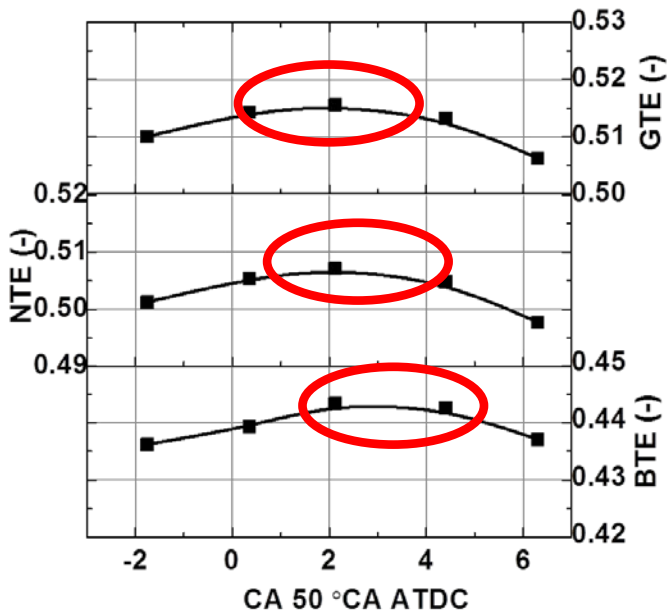


# Increasing LTC Engine Efficiency by Reducing Pressure-oscillation-related Heat Transfer Losses

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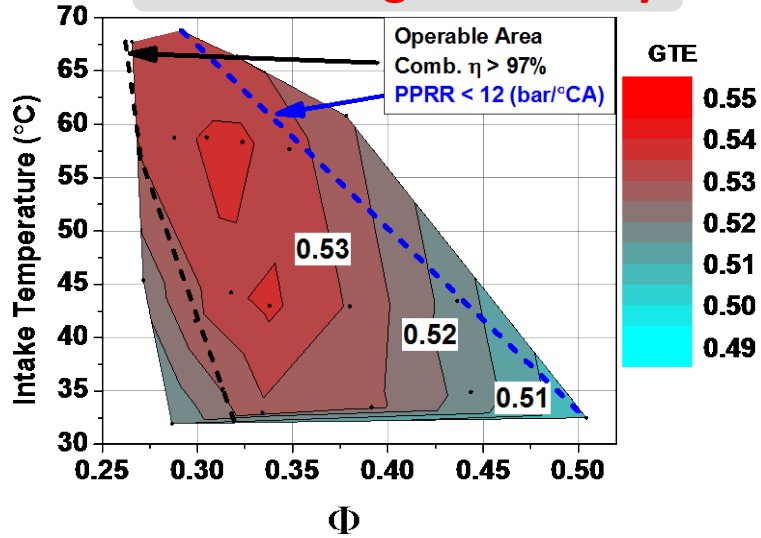
Poster Location P-22

Near TDC = High Efficiency



This material is based on work supported by the Department of Energy Award E-EE0000202, and from the Sandia Laboratories

## Dilute = High Efficiency



## Poster Location P-22

## Near TDC + Dilute + Homogeneous = Knock

## Knock $\approx$ 50-100% more HX

