

Combustion Lab



- Combustion of non-premixed, high-C hydrocarbon vapors
 - *Transport/diffusion/chemistry issues*
 - *Experiments, modeling, and simulation*
 - *Fluid dynamics*
- ← • Atmospheric-pressure flame laboratory
- Variable-pressure combustion facility
 - *Pressure range: 0.1 – 15 atm*
 - *Can handle hydrocarbons as well as toxic/corrosive gases, e.g., H_2 , NO , F_2 .*

