

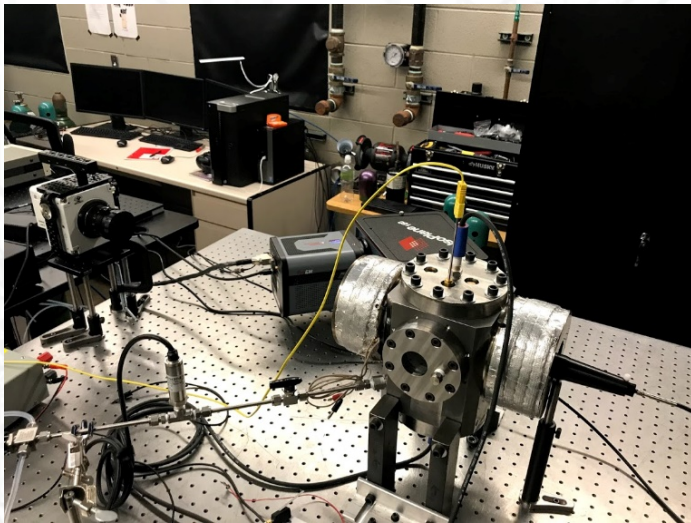


WAYNE STATE
College of Engineering

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Combustion, explosion and kinetic model (cpl.eng.wayne.edu)



- **Project 1:** Investigating the explosion in coal mine and natural gas industry using both numerical and experimental frame works
- **Project 2:** Developing a methodology to measure gas temperature during autoignition using infra-red emission of hydrocarbon species
- **Project 3:** Developing a new tool to measure the time-resolved species concentration during autoignition
- **Project 4:** Direct Numerical Simulation of combustion and explosion