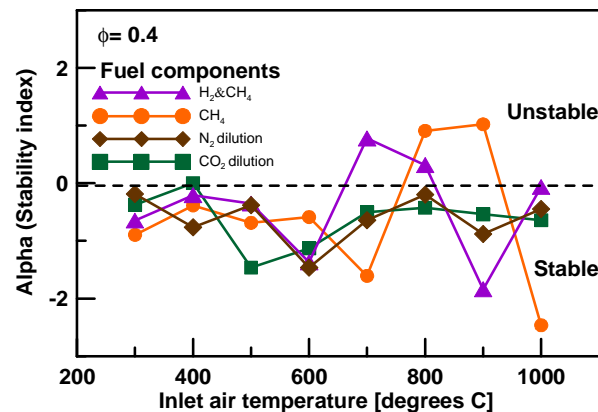
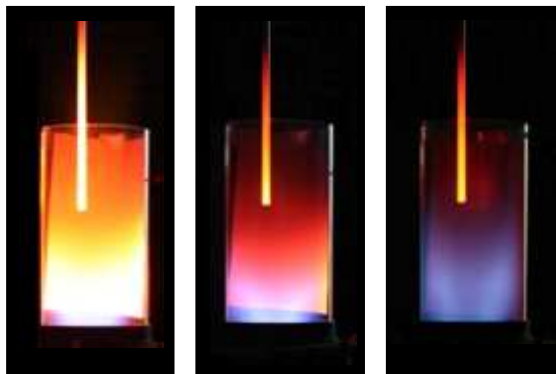


Application techniques of various fuels produced from biomass resources are developed. New mechanical design concept based on analysis of detailed chemical reaction mechanism is also studied.

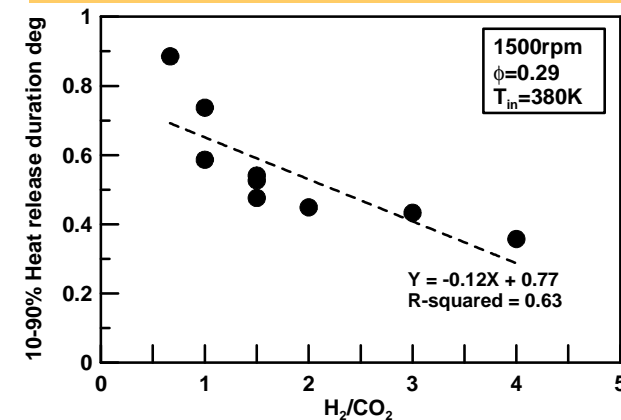
Combustion oscillations and fuel component



YAMASAKI et al, JSME, Proc. of D&D2010



Prediction of ignition and combustion characteristics in a HCCI engine



YAMASAKI et al, FUEL, Elsevier, submitted 2010

