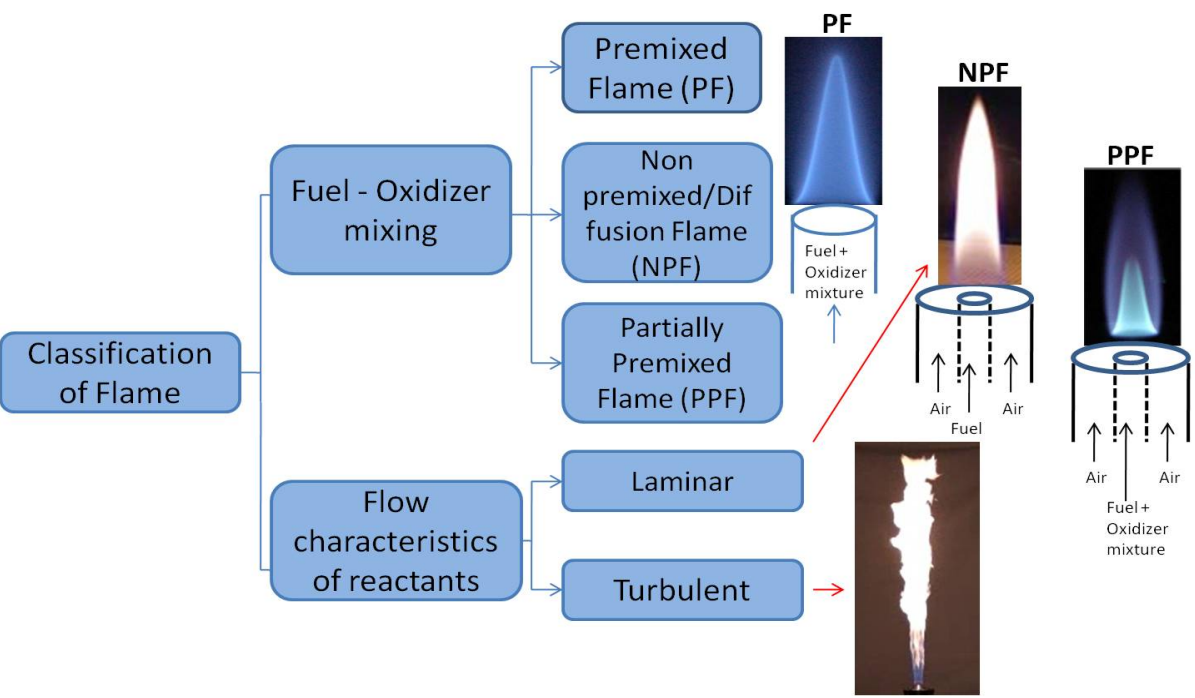




Aim	Intro	Theory	About Exp	Results	Conclusions	Precautions	FAQs	References

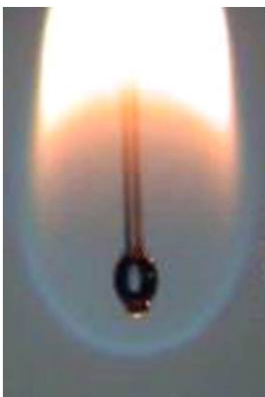
Classification of flame types



Examples of diffusion flame



Candle Flame



Droplet Flame  
(Normal Gravity)



Jet Diffusion Flame  
(Turbulent)

Applications

- Flame inside furnaces
- Gas turbine engines
- Rocket combustors

Diffusion flame structure

- Fuel and oxidizer are initially segregated before combustion.
- They are brought into contact in a narrow region through molecular diffusion and bulk convective motion where they mix and react simultaneously.

