



Glenn Research Center

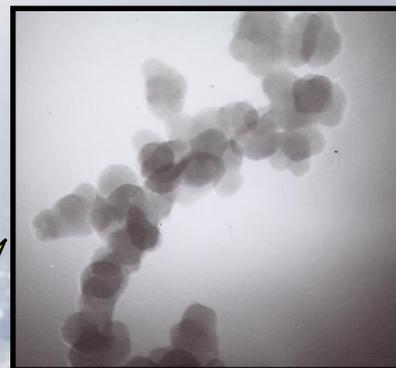


# Laminar Soot Processes (LSP)

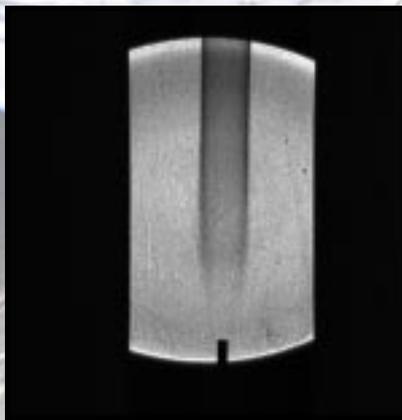
## Study of Soot Processes in Laminar Gas Jet Diffusion Flames



Microgravity ethylene flame



TEM image of microgravity soot



Soot volume fraction image of ethylene flame



Important in combustor lifetime, efficiency, and pollutant control; accidental fires; carbon black manufacturing