

Fig. 5.19(a) No protrusion

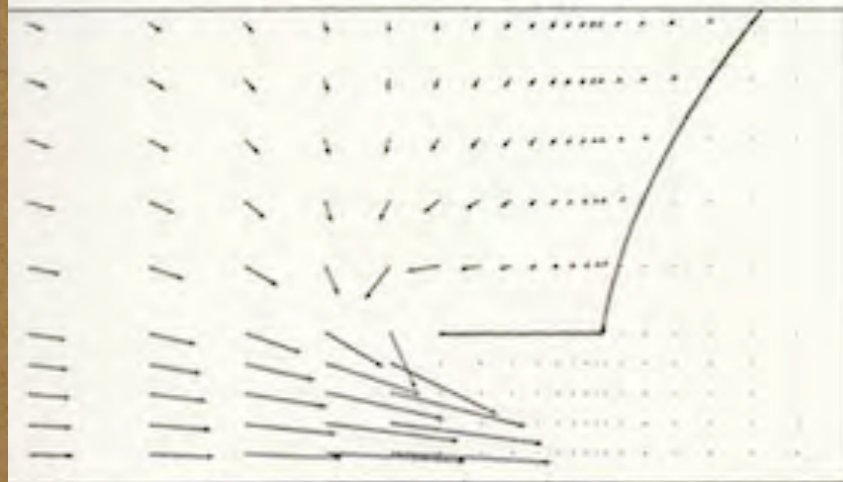


Fig. 5.19(b) Protrusion

# Numerical Solutions for Steady Flow Past Two- Dimensional Blunt Body Samplers

Hsiang-Chieh Huang  
M.S. 1990



Measurements of  
Droplet-Droplet  
Interaction and  
Aerodynamics

Quang-Viet Nguyen  
M.S. 1990





# Jim Buerkle

M.S. 1991

Surface Defect Detection  
by Laser Light Scattering





Ling Huang  
M.S. 1991

Focusing of Gaussian Laser  
Beams through a Gradient Index  
Lens (project)



Yufei Zhang  
M.S. 1992

Study of Gas Phase Chemistry in  
CVD Diamond Deposition



Brian Davies  
M.S. 1992

Computer Control of an IC  
Engine



# Andy Gray

M.S. 1992

Optical Sizing of Tobacco Smoke  
by Laser Light Scattering and  
Extinction

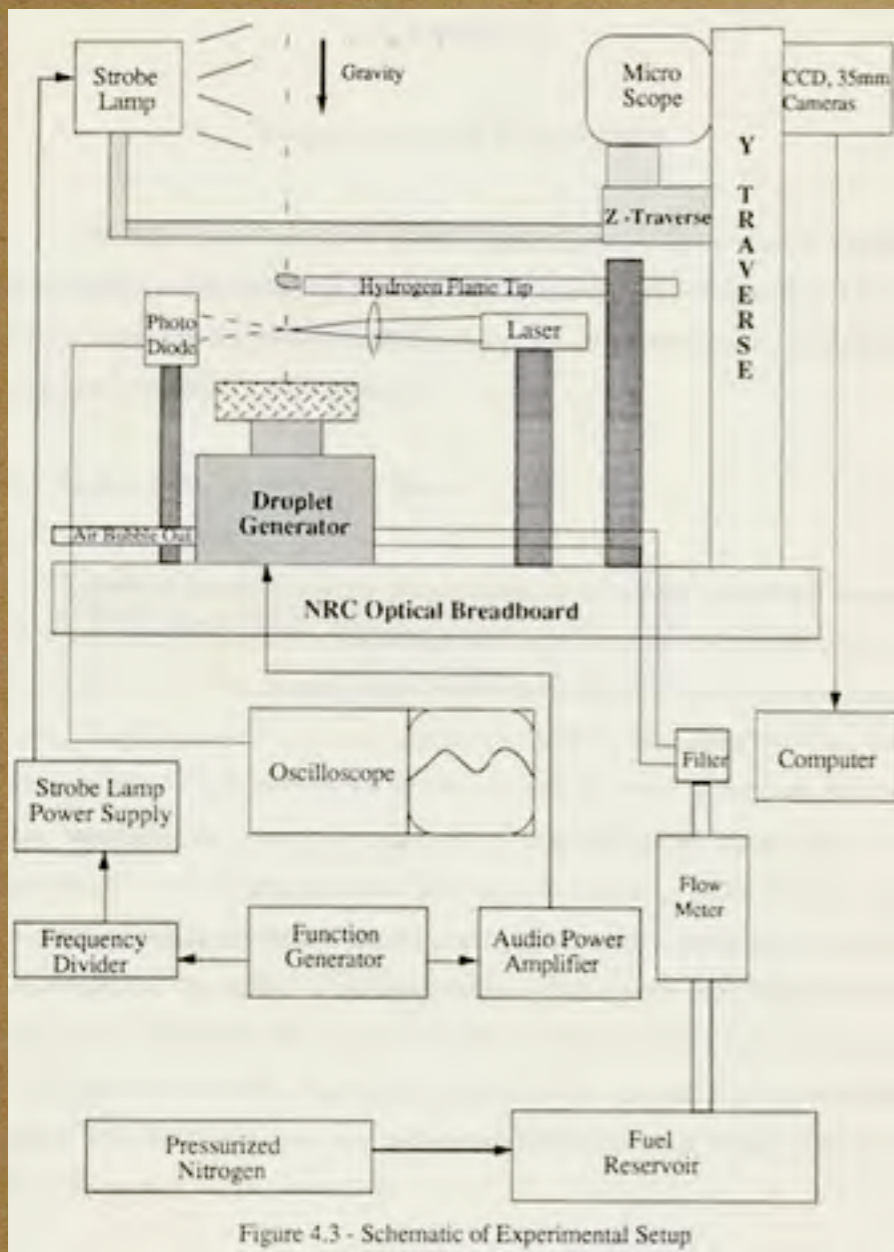


Figure 4.3 - Schematic of Experimental Setup

# Jason Luzar

## M.S. 1992

### Vaporization in a Linear Droplet Stream Flame





# Mark Silverman

M.S. 1993



Experimental  
Investigation of a  
Droplet Stream Flame



# Edie Chang

M.S. 1993

Measurement of Sidestream  
Tobacco Smoke Particle Size  
Distribution



# Corinne Lengsfeld

(Corinne Connon)

M.S. 1993



Instabilities of Monodisperse  
Droplet Streams under High  
Ambient Pressures





# John Garman

M.S. 1993



The Dependence of NO<sub>2</sub>  
Degenerate Four-Wave  
Mixing Signals on Buffer  
Gas Pressure



# Ramon Dimalanta

## M.S. 1994

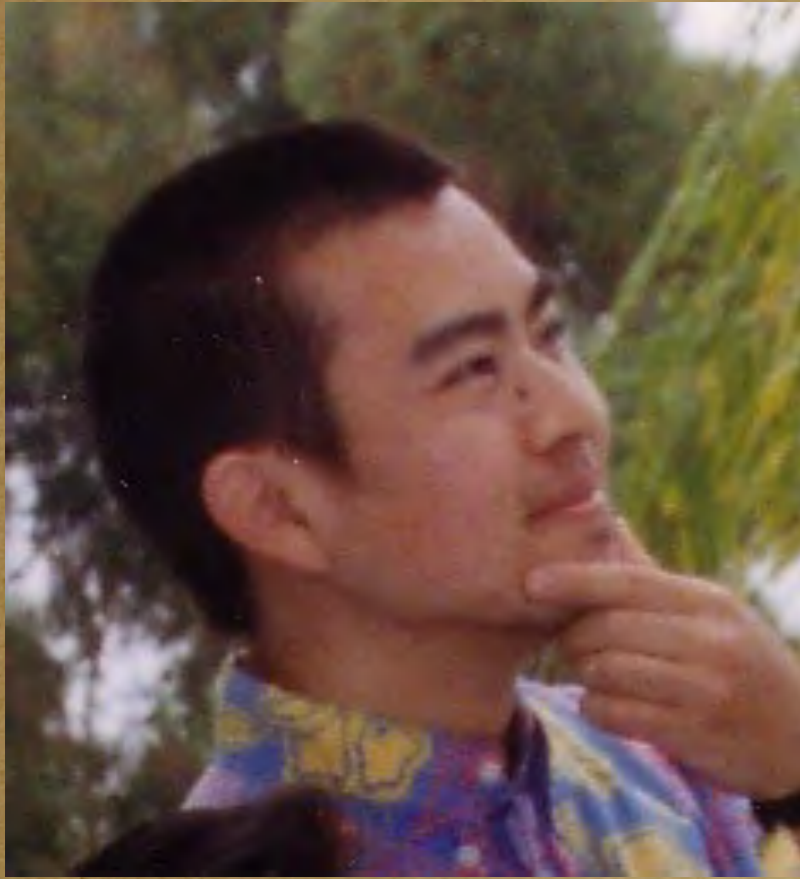
Vaporization of Waste Oil  
Sludge (project)





Carlson Choi  
M.S. 1996

Laser Induced Fluorescence in an  
Acetone Droplet Stream



Fluid Dynamics near a Self-Cleaning Sensor (project)

Mako Miyasato  
M.S. 1996



# Ben Strayer

M.S. 1997

Active Control Methodology  
Applied to a Laminar Non-  
Premixed Flame