

Colloquium Announcement

“Design of an optimum optical fiber probe for a sensor”

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Abstract

To improve the sensitivity of a fiber optic biosensor or chemical sensor, the design of an optical fiber probe is extremely important. I will be discussing design aspects of an optical fiber probe for sensitive detection of evanescent wave induced fluorescence on the probe surface. I will also discuss how these design aspects are used to achieve an optimum probe in our lab and maximum achieved sensitivity with these probes.

Sponsored by UAB Department of Physics

Thursday, January 11, 2007

12:30 p.m. – 1:50 p.m.

Education Building Room # 133

Refreshments served at 12:00 p.m. in CH 361

1300 University Boulevard
For further information, please contact the
Department of Physics (205) 934-4736