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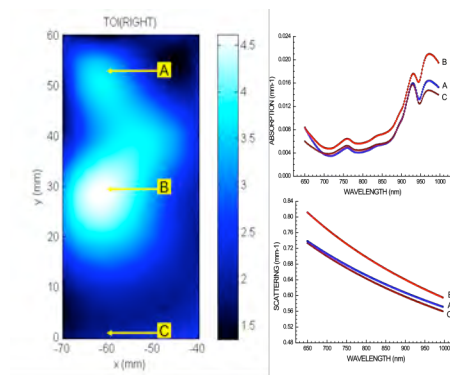
Chester F. Carlson

College of Science

Center for **IMAGING** SCIENCE

Seminar Series

Spectroscopy and Imaging In Medicine: Moving Benchtop Optical Technologies to the Bedside



Bruce Tromberg

*Professor, Departments of Biomedical Engineering and Surgery
Director, Beckman Laser Institute and Medical Clinic
University of California, Irvine*

This talk presents principles of tissue optical contrast using examples that highlight sensitivity to cellular metabolism, extracellular matrix composition, and vascular dynamics. These capabilities will be placed in the context of several emerging clinical applications, including increasing surgical accuracy, imaging tissue function, predicting therapeutic drug efficacy, and detecting early disease.

4pm, Wed, May 13, 2009

Auditorium of the Center for Imaging Science

www.cis.rit.edu/seminar

for up-to-date seminar schedule, video archives and abstracts.