CENTER FOR NANOSCALE SCIENCE AND TECHNOLOGY

University of Illinois at Urbana-Champaign

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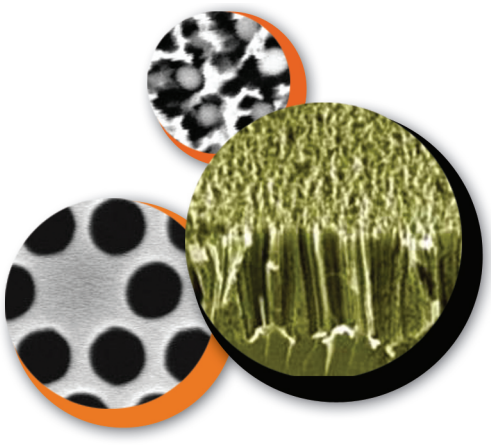
SEMINAR SERIES

Nanotechnology in Photonics Research

Wednesday, September 24, 2003
4:00 p.m.
B02 Coordinated Science Laboratory
Reception to Follow



The infrastructure of the Information Age has to date relied upon advances in microelectronics to produce integrated circuits that continually become smaller, better, and less expensive. The emergence of photonics, where light rather than electricity is manipulated, is posed to further advance the Information Age. Central to the photonic revolution is the development of miniature integrated light sources, waveguides, and detectors. This presentation will discuss the application of nanotechology to achieve unprecedented confinement of both photons and electrons to develop the next generation of lasers and photonic integrated circuits.

All seminars are free and open to the public. Times, dates, locations, and titles of events are subject to change. For additional information, please call (217)333-3097, email nano@cnst.uiuc.edu

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