Workshop on Photonics

26-30 August, 2008

Department of Physics, IIT Bombay

The workshop is aimed at

providing an exposure for a selected set of post-graduate students in Physics to topics in Photonics, related to Nonlinear Optics, Nanophotonics and Slow light. The workshop will be a comprehensive mix of tutorials, lectures and laboratory visits at the Physics department of IIT Bombay.

You may apply if you are a

student of M.Sc (Physics)/ first or second year student of Integrated M.Sc-PhD (Physics)/ fourth or fifth year student of Integrated B.Sc-M.Sc (Physics).

Speakers:

1. Dr. B. N. Jagatap (BARC)
2. Prof. K.C. Rustagi (IITB)
3. Prof. B.P. Singh (IITB)
4. Prof. T. Kundu (IITB)
5. Prof. R. Vijaya (IITB)
6. Prof. S. Dhar (IITB)

Topics to be covered:

(a) Basics of lasers and spectroscopy
(b) Nonlinear Optics-applications & material requirements
(c) Nano-structured optical materials
(d) Nanophotonics and near-field microscopy
(e) Cold atoms and their application in quantum computing
(f) Challenges & Opportunities in Photonics

To Register:

Following details should be sent through e-mail or by post to the convener by ***20th June, 2008***:

- Name: •E-mail:
- Sex: •Tel. No.:
- Mailing address:
- Academic Details: (course of study, semester/year-wise marks, relative ranking in the class, name and address of the college/university, from 12th class onwards)
- E-mail address of one of your teachers who can provide a reference
- Motivation for attending the workshop in 300-350 words
- Any other achievements (such as performance in competitive exams)

Reach us at:

Convener, Workshop on Photonics,
Department of Physics, IIT Bombay,
Powai, Mumbai-400076
E-mail: photonics@phy.iitb.ac.in

Accommodation: On-campus accommodation in IIT is strictly restricted to 20 participants.

Registration fee:

Rs. 250/- should be paid in cash on the first day of the workshop.

Selected participants will be informed by the first week of July.

This workshop on Photonics is sponsored by:
Education and Outreach grant from SPIE, USA