

Workshop On Biomedical Optics And Related Topics  
February 23-25, 2004  
Tentative Schedule

**23.02.2004, MORNING SESSION:**

8:30- 9:25 Registration  
9:25- 9:45 Welcome Address by S. Dattagupta, Director, SNBNCBS  
9:45-10:45 P. K. Gupta  
"Biomedical Optics : An Introduction"  
10:45-11:10 T E A

**Optical Information Processing & Photodynamic Therapy**

Chairperson : **V. B. Kartha**

11:10-12:10 S. Ganesan  
"To be announced"  
12:10-13:10 S. K. Majumder  
"Statistical Pattern Recognition for Optical Diagnosis of Cancer"

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13:10-14:00 L U N C H

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**23.02.2004, AFTERNOON SESSION:**

**Optical Tomography**

Chairperson : **P. K. Gupta**

14:00-15:00 R. M. Vasu  
"Ultrasound Assisted Optical Tomography for  
Mechanical Property Mapping"  
15:00-16:00 K. D. Rao  
"Optical Coherence Tomography"  
16:00-16:30 C O F F E E  
16:30-17:30 G. Vishnoi  
"Diffuse Optical Tomographic Techniques for Brain Imaging"

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19:30 CONFERENCE DINNER

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**24.02.2004, MORNING SESSION:**

**Laser Spectroscopic Technique & Early Detection of Cancer**

Chairperson : **R. M. Vasu**

- 9:00-10:00 V. B. Kartha  
"Laser Spectroscopic Techniques for Early Detection of Cancer"  
10:00-11:00 A. Pradhan  
"Intrinsic Fluorescence from Human Tissue and Tissue Phantoms"  
11:00-11:30 T E A  
11:30-12:30 P. K. Gupta  
"Laser Induced Fluorescence Spectroscopy for Cancer Diagnosis"

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12:30-14:00 L U N C H

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**24.02.2004, AFTERNOON SESSION:**

**Laser Spectroscopic Technique**

Chairperson : **A. Pradhan**

- 14:00-15:00 S. K. Pal  
"Ultrafast Hydration Dynamics:  
The Future Probe for Protein Functionality"  
15:00-16:00 S. Roy  
"Laser Induced Fluorescence Spectroscopy (Flow Cytometer)  
From Benchtop to Bedside"  
16:00-16:30 C O F F E E  
16:30-17:30 S. K. Sharma  
"Light Propagation in Soft Tissues"

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**25.02.2004, MORNING SESSION:**

**Light Propagation in Turbid Media**

Chairperson : **S. Ganesan**

- 9:00-10:00 N. Ghosh  
"Depolarization of light in Turbid Media"  
10:00-11:00 A. K. Roy  
"Inverse Scattering Problem in Turbid Medium"  
11:00-11:30 T E A  
11:30-13:00 PANEL DISCUSSION  
"Early Detection of Cancer"

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13:00-14:00 L U N C H

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