

International Workshop on **NANOPHOTONICS USING STRUCTURED LIGHT**



PLENARY LECTURE

Prof. Paras N Prasad

State University of New York (SUNY)
at Buffalo, USA

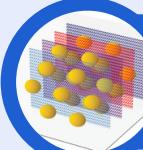


CHIEF PATRON

Prof. Sunil Kumar Khare

DIRECTOR
Indian Institute of Science Education and Research,
Kolkata

Chiral Nano-Photonics



Metasurface & Metamaterials



Sensing and Metrology



AI Based Sensor Design



Spin-Orbit Photonics



 09:00AM IST

 07th March 2026

 ROYAL BENGAL ROOM
City Centre 1, Kolkata, India

WORKSHOP DETAILS

The International workshop is focused on the recent advances and current trends of the rapidly growing fields of Nanophotonics using structured light. The workshop will cover fundamentals and emerging phenomena associated with spin-orbit interaction of light, interaction of structured light with chiral metasurfaces, plasmonic and hybrid metamaterials, 2-D layered materials, etc. Emphasis will be placed on potential applications in classical and quantum information processing, optical computing and data storage, miniaturized multifunctional photonic devices for sensing and metrology, and on-chip photonic technologies. The intent of the workshop is to summarize the current state of research in these promising fields that are breaking new ground into the domain of nano-photonics, facilitate insight and understanding of the recent trends and findings, indicate the outstanding issues, and point toward the future of this field. The intent is to stimulate new ideas and encourage further research in these domains.

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PLENARY LECTURE

Prof. Subhasish Dutta Gupta

PROFESSOR
TIFR - Hyderabad



PLENARY LECTURE

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CSIR-National Physical Laboratory



Prof. Ayan Banerjee

Indian Institute of Science Education and
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Indian Institute of Science Education and
Research- Kolkata



Prof. Debdatta Ray

Indian Institute of Technology, Kanpur



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REGISTER FOR OUR WORKSHOP

REGISTRATION CHARGES

Faculty: ₹ 500/-
Students: ₹ 100/-

<https://sites.google.com/iiserkol.ac.in/sparc/workshop/registration?authuser=0>



Scan the QR to for the registration page

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