

International Conference on Optics & Photonics ICOP-2009



Central Scientific Instruments Organisation (CSIO)
Chandigarh, India
October 30 - November 1, 2009



FIRST CALL FOR PAPERS

ICOP-2009

Optics and photonics are the rapidly growing disciplines of the present times finding a wide range of applications in areas such as light detection, telecommunications, information processing, illumination, metrology, spectroscopy, holography, medicine, military technology, laser material processing, visual art, biophotonics, agriculture, geophysical research, space exploration and robotics. In the recent past these fields have witnessed significant progress in all these areas that also comprise of chemical synthesis, medical diagnostics, on-chip data communication, laser defense and fusion energy. Besides these, various newer frontiers are also emerging which include quantum information, opto-atomics, polaritonics, materials with engineered optical properties to name a few, wherein vigorous R&D activities are being pursued. The conference aims to provide a forum for interaction and exchange of ideas among scientists, engineers, researchers and users actively engaged in the domain of Optics and Photonics.

CSIO

Central Scientific Instruments Organisation (CSIO), Chandigarh, India, a constituent unit of C.S.I.R is a premier National Laboratory dedicated to research, design and development of scientific and industrial instruments. Chandigarh, The City Beautiful, is located in the north of India at a distance about 250 kilometers from New Delhi. C.S.I.R. (Council of Scientific and Industrial Research) is a multi-disciplinary and multi-dimensional apex scientific and industrial research & development body of India. CSIO has recently stepped into its Golden Jubilee Year and over the years, the Lab has been engaged in the research, design & development of scientific industrial instruments, systems and related technologies and devices. Optics and Photonics have been the key strength of this Laboratory and excellent facilities have been created and expertise generated in these areas.

OSI

The Optical Society of India (OSI), a professional organisation of academicians, key researchers & industry, was established in 1965 with its objective of promotion and diffusion of knowledge of Optics in all its branches, pure and applied. Since 1967, OSI has been periodically bringing out bulletins and journals and it has made serious endeavor to bring together optical scientists, engineers and users through annual symposia for sharing the latest knowledge for mutual benefit. With the affiliation of the OSI to the International Commission for Optics (ICO) since 1991, its activities have crossed the national boundary. The OSI during last several decades has organized thirty-three symposia at both national and international levels covering almost all areas of optics. ICOP-2009 is being organized in association with the OSI coinciding with its XXXIV Annual Symposium.

THEME AND TOPICS FOR CONFERENCE

The theme of ICOP-2009 is 'Optics and Photonics in the New Millennium' and in view of the growing importance and futuristic potential of optics and photonics, the Conference will broadly cover the following topics:

- Integrated Optic Circuits and Devices
- Optical Networks and Components
- Fiber Optic Sensors and Instrumentation
- Optoelectronic Devices
- Optical System Design
- Optical Data Storage & Display Devices
- Non-Linear Optics and Related Devices
- Optical Interferometry, Holography & Laser Speckles
- Photonic Networks, Switching, Interconnects & Access
- Optical Thin Film Technology
- Microscopy
- Electro Optic Devices
- Optical Computing
- Biophotonics
- Nano-photonics & Plasmonics
- Optical Metrology
- Optical Display Devices
- Guided Wave, Nonlinear & Quantum Optics
- Photonic Bandgap Materials
- Theory, Modelling & Simulation of Photonic Components & Devices
- Microwave Photonics
- Any other topics related to Optics and Photonics

IMPORTANT DATES

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| ▪ Deadline for submission of 1-page summary: | May 15, 2009 |
| ▪ Notification of acceptance of paper: | July 31, 2009 |
| ▪ Submission of 4-page camera-ready manuscript of accepted papers: | August 31, 2009 |
| ▪ Release of Advance Technical Program: | September 30, 2009 |
| ▪ Application deadline for participation in the Exhibition: | September 30, 2009 |

REGISTRATION FEES

OSI Members:	US \$ 450/Rs.4500.00
Non-OSI Members:	US \$ 500/Rs.5000.00
Students:	US \$ 250/Rs.2500.00

All payments may be made through a DD in favour of "ICOP-2009" and payable at State Bank of India, Sector-30, Chandigarh (India)

For further information, please contact Conference Conveners:

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