A Conference on Convergence of Optics and Electronics will be organized by the SPIE Student Chapters at JIS College of Engineering and University of Calcutta. The main purpose of the Conference is to establish a common forum for the students of different colleges and the young scientists below the age of 35 years, where they can exchange ideas, present research works, listen to invited lectures and attend short courses on various topics of optics, photonics, lasers, electronics and their converging applications. It is envisaged that the conference will also bring together researchers and professionals working in diverse aspects of optics, photonics and electronics and will provide a conducive platform for scientific interaction and exchange.

Oral and poster presentations will be organized in the areas, but not limited to:

- Interferometry and Holography
- Adaptive Optics and Astronomical Optics
- Fibre Optics and Integrated Optics
- Light Wave Communications
- Wireless Communications
- Communication Networks
- Lasers and Laser Systems
- Optical Sensors and Systems
- Optical Design and Instrumentation
- Optical Materials and Nonlinear Optics
- Nanophotonics and Nanoelectronics
- Biophotonics and Biosensors
- Solar Photovoltaics and Green Energy Systems
- Optical and Digital Image Processing
- Pattern Recognition and Machine Intelligence
- DSP and VLSI

Submission Procedure: Authors may submit full papers (4 to 8 pages) in PDF format prepared using LaTeX. Submission instructions and the LaTeX class file may be found in the conference website. The authors are earnestly requested to adhere to LaTeX so as to create quality proceedings.

Best Paper Awards: A few awards will be given to the best papers of the sessions.

Tutorials: Tutorials/short courses will be arranged in the first day of the Conference. Tutorial proposals may kindly be submitted by February 15, 2011.

Registration: All participants are required to register. Registration includes lunch, snacks, tea, a conference kit, and the proceedings.

Important Dates:
- Full Manuscript Due: February 10, 2011
- Acceptance Notification: March 01, 2011
- Final Manuscript Due: March 07, 2011
- Final Manuscript Due: March 12, 2011

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Details regarding venue, accommodation, registration etc. will be available in the conference website in due course of time.