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- 14 OTOM-Optical Testing and Optical Metrology I
Amitabha Basuray, University of Calcutta (India)

- 15 NPPM-Nanophotonics, Plasmonics and Metamaterials I
Prasanta K. Basu, University of Calcutta (India)
- 16 OIHLS-Optical Interferometry, Holography and Laser Speckle IV
Rajpal S. Sirohi, Tezpur University (India)
- 17 OSD-Optical System Design I
Kehar Singh, Indian Institute of Technology Delhi (India)
- 18 NPPM-Nanophotonics, Plasmonics and Metamaterials II
Ajay Kumar Chakraborty, University of Calcutta (India)
- 19 GWNQ-Guided Wave, Nonlinear and Quantum Optics
Jörg Schulze, Universität Stuttgart (Germany)
- 20 PCD-Photonic Components and Devices IV
Martijn de Streke, University of Sydney (Australia)
- 21 NPPM-Nanophotonics, Plasmonics and Metamaterials III
Mina Ray, University of Calcutta (India)
- 22 OSD-Optical System Design II
Amitabh Ghosh, Instruments Research and Development Organisation, Dehradun (India)
- 23 DO-Diffractive Optics
Sanjib Chatterjee, Raja Ramanna Centre for Advanced Technology Indore (India)
- 24 OTOM-Optical Testing and Optical Metrology II
Mina Ray, University of Calcutta (India)
- 25 LSA-Laser Systems and Application II
Rajib Chakraborty, University of Calcutta (India)
- Poster Session I
Bishnu P. Pal, Ecole Mahindra Hyderabad (India)
Anurag Sharma, Indian Institute of Technology Delhi (India)
Chittur S. Narayanmurthy, Indian Institute of Space Science and Technology (India)
- Poster Session II
Bijoy K. Das, Indian Institute of Technology, Madras (India)
Gautam Samanta, Physical Research Laboratory (India)
Amitabh Ghosh, Instruments Research and Development Organisation Dehradun (India)

Poster Session III

Debabrata Goswami, Indian Institute of Technology Kanpur (India)

Martijn de Streke, University of Sydney (Australia)

Sujit Bandopadhyay, Nanometrics (United Kingdom)

Introduction

The International Conference on Optics and Photonics 2015 (ICOP 2015) was the Golden Jubilee concluding conference of the Optical Society of India. The scope of the conference encompassed a wide variety of themes related to optics and photonics and no attempt had been made to give it a specific topical flavour.

This proceedings is a collection of 85 selected papers out of more than 300 papers presented at the conference. The topics include optical system design, optical testing and metrology; surface plasmon resonance in sensor applications; nonlinear optics and nano photonic applications; optical fiber and waveguides; optical polarization measurements; and digital image processing. We are hopeful that this documentation will be of help to a wide cross section of researchers in optics and photonics.

We wish to acknowledge the SPIE staff, for their untiring efforts in compilation of this volume.

Rajib Chakraborty
Kallol Bhattacharya