

1. Record Nr.	UNINA9910300402903321
Titolo	Advances in Optical Science and Engineering : Proceedings of the First International Conference, IEM OPTRONIX 2014 // edited by Vasudevan Lakshminarayanan, Indrani Bhattacharya
Pubbl/distr/stampa	New Delhi : , : Springer India : , : Imprint : Springer, , 2015
ISBN	81-322-2367-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (620 p.)
Collana	Springer Proceedings in Physics, , 1867-4941 ; ; 166
Disciplina	621.381045
Soggetti	Lasers Quantum optics Telecommunication Optical materials Laser Quantum Optics Microwaves, RF Engineering and Optical Communications Optical Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Application of Solar Energy -- Diffraction Tomography -- E.M. Radiation Theory and Antenna -- Fibre optics and Devices -- Photonics for Space Applications -- Micro-electronics and VLSI -- Nano-Photonics, Bio-Photonics and Bio-Medical Optics -- Non-linear Phenomena and Chaos -- Optical and Digital Data & Image Processing -- Optical Communications and Networks -- Optical Design -- Opto-Electronic Devices -- Opto-Electronic Materials -- Quantum Optics and Information Processing.
Sommario/riassunto	The Proceedings of First International Conference on Opto-Electronics and Applied Optics 2014, IEM OPTRONIX 2014 presents the research contributions presented in the conference by researchers from both India and abroad. Contributions from established scientists as well as students are included. The book is organized to enable easy access to various topics of interest. The first part includes the Keynote addresses by Phillip Russell, Max Planck Institute of the Light Sciences,

Erlangen, Germany and Lorenzo Pavesi, University of Trento, Italy. The second part focuses on the Plenary Talks given by eminent scientists, namely, Azizur Rahman, City University London, London; Bishnu Pal, President, The Optical Society of India; Kamakhya Ghatak, National Institute of Technology, Agartala; Kehar Singh, Former Professor, India Institute of Technology Delhi; Mourad Zghal, SUPCOM, University of Carthage, Tunisia; Partha Roy Chaudhuri, IIT Kharagpur; S K. Bhadra, CSIR-Central Glass and Ceramic Research Institute, Kolkata; Sanjib Chatterjee, Raja Ramanna Centre for Advanced Technology, Indore; Takeo Sasaki, Tokyo University, Japan; Lakshminarayan Hazra, Emeritus Professor, University of Calcutta, Kolkata; Shyam Akashe, ITM University, Gwalior and Vasudevan Lakshminarayanan, University of Waterloo, Canada. The subsequent parts focus on topic-wise contributory papers in Application of Solar Energy; Diffraction Tomography; E.M. Radiation Theory and Antenna; Fibre Optics and Devices; Photonics for Space Applications; Micro-Electronics and VLSI; Nano-Photonics, Bio-Photonics and Bio-Medical Optics; Non-linear Phenomena and Chaos; Optical and Digital Data and Image Processing; Optical Communications and Networks; Optical Design; Opto-Electronic Devices; Opto-Electronic Materials and Quantum Optics and Information Processing.
