Second International Conference on Optics and Image Processing (ICOIP 2022)

Jian Wang
Editor

20–22 May 2022
Taian, China

Sponsored by
Taishan University (China)

Organized by
Beijing Jiaotong University (China)
Global Scientific Research Association (China)

Published by
SPIE

Volume 12328

Printed in the United States of America by Curran Associates, Inc., under license from SPIE.

Publication of record for individual papers is online in the SPIE Digital Library.

SPIE. DIGITAL LIBRARY

SPIEDigitalLibrary.org

Paper Numbering: A unique citation identifier (CID) number is assigned to each article in the Proceedings of SPIE at the time of publication. Utilization of CIDs allows articles to be fully citable as soon as they are published online, and connects the same identifier to all online and print versions of the publication. SPIE uses a seven-digit CID article numbering system structured as follows:
- The first five digits correspond to the SPIE volume number.
- The last two digits indicate publication order within the volume using a Base 36 numbering system employing both numerals and letters. These two-number sets start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B … 0Z, followed by 10-1Z, 20-2Z, etc. The CID Number appears on each page of the manuscript.

Contents

iii

LASER TECHNOLOGY AND PHOTOELECTRIC SENSOR DETECTION TECHNOLOGY

IMAGE RECOGNITION PROCESSING AND REMOTE SENSING IMAGING TECHNOLOGY

vi

Conference Committee

Conference Chairs

Menghua Qin, Taishan University (China)
Fujun Zhang, Beijing Jiaotong University (China)

Program Chairs

Leiting Wang, Taishan University (China)
Jun Chen, Taishan University (China)

Publication Chairs

Fujun Zhang, Beijing Jiaotong University (China)
Jian Wang, Taishan University (China)

Local Organizing Committees

Qianqian Sun, Shandong Normal University (China)
Junming Li, Beijing Information Science and Technology University (China)
Jian Wang, Taishan University (China)
Jun Chen, Taishan University (China)
Qiaoshi An, Beijing Jiaotong University (China)

Technical Program Committees

Hualong Bao, Soochow University (China)
Nianqiang Li, Soochow University (China)
Yahui Peng, Beijing Jiaotong University (China)
Fei Wang, Changchun University of Science and Technology (China)
Chao Zuo, Nanjing University of Science and Technology (China)
Zhe Chen, Dalian University of Technology (China)
Lifa Hu, Jiangnan university (China)
Xueye Chen, Ludong University (China)
Yang Yue, Xi'an Jiaotong University (China)
Ke Wang, East China University of Technology (China)
Yuliang Mao, Xiangtan University (China)
Jun Ma, Guilin University of Electronic Technology (China)
Jiang Wang, Northwestern Polytechnical University (China)
Zhiyu Jiang, Northwestern Polytechnical University (China)
Wanzhuo Ma, Changchun University of Science and Technology (China)
Feng Xu, Soochow University (China)
Xueping Li, Xi'an University of Technology (China)
Jianlun Wang, China Agricultural University (China)
Shuang Bai, Beijing Jiaotong University (China)

Pu Zhang, Chinese Academy of Sciences (China)
Xi Luo, National Key Laboratory of Science and Technology on Space Microwave (China)

Session Chairs

1   Organic Optoelectronic Materials and Devices
      Jian Wang, Taishan University (China)
      Xiaoling Ma, Beijing Jiaotong University (China)

2   Image Processing and Laser Technology
      Yandong Peng, Shandong University of Science and Technology (China)
      Qian Zhang, Taishan University (China)

3   Organic Optoelectronic Materials and Devices
      Qiaoshi An, Beijing Institute of Technology (China)
      Qianqian Sun, Shandong Normal University (China)

viii