AOPC 2015: Image Processing and Analysis

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Editors

5–7 May 2015
Beijing, China

Organized by
Chinese Society for Optical Engineering (China)
Photoelectronic Technology Committee, Chinese Society of Astronautics (China)
Science and Technology on Low-light-level Night Vision Laboratory (China)

Sponsored by
Chinese Society for Optical Engineering (China)

Technical Co-sponsor and Publisher
SPIE

Volume 9675
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Please use the following format to cite material from these proceedings:


Six-digit Article CID Number.

ISSN: 0277-786X
ISSN: 1996-756X (electronic)
ISBN: 9781628419009

Published by
SPIE
P.O. Box 10, Bellingham, Washington 98227-0010 USA
Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445
SPIE.org

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Nanjian Wu, Institute of Semiconductors, CAS (China)
Satoshi Kawata, Osaka University (Japan)
Shibin Jiang, AdValue Photonics, Inc. (United States)
Sen Han, University of Shanghai for Science and Technology (China)
Suijian Xue, National Astronomical Observatories, CAS (China)
Tsutomu Shimura, The University of Tokyo (Japan)
Weibiao Chen, Shanghai Institute of Optics and Fine Mechanics, CAS (China)
Wei Wang, Beijing Institute of Aerospace Control Devices of CASC (China)
Weiping Yang, National University of Defense Technology (China)
Xiaocong Yuan, Shenzhen University (China)
Yang Ni, New Imaging Technologies (France)
Yanbiao Liao, Tsinghua University (China)
Yongcai Guo, Chongqing University, Ministry of Education (China)
Yongchun Xie, China Academy of Space Technology (China)
Yong Bi, Academy of Opto-electronics, CAS (China)
Yong Cheng, Wuhan Ordnance Non-Commissioned Officers Academy (China)
Zhiping Zhou, Peking University (China)

Session Chairs

1  Weiping Yang, National University of Defense Technology (China)
2  Bill Moran, The University of Melbourne (Australia)
3  Chunhua Shen, The University of Adelaide (Australia)
4  Honghai Liu, University of Portsmouth (United Kingdom)
Introduction

Applied Optics and Photonics, China (AOPC2015) is the annual conference of the Chinese Society for Optical Engineering, and it is also the largest academic and industrial event in the field of optical and optoelectronic technology in China. The AOPC2015 organization committee intended to build a cohesive platform for academic exchanges, industry exhibitions, and corporate negotiations. The conference had 7 themes, which included 22 technical conferences and 600 technical presentations. We sincerely hope that the research and development of optoelectronic technology was promoted, and that the international cooperation of the optical and optoelectronic industry was enhanced.

AOPC2015 was sponsored by the Chinese Society for Optical Engineering; SPIE, the Optical Society, the European Optical Society, and the Optical Society of Korea were technical co-sponsors. There were also 28 cooperating organizations that supported the conference. We received a total of 1,219 contributions from more than 15 countries, including: the United States, the United Kingdom, Germany, France, Spain, Australia, Canada, Mexico, Brazil, Japan, Republic of Korea, Thailand, Singapore, Russian Federation, and China. Nearly 700 submissions were accepted for the Proceedings of SPIE, and over 150 invited talks and papers were suggested to be published in Journals indexed by SCI and Ei. After careful discussion, we selected five plenary speeches, which were presented by famous scientists from the United States, the United Kingdom, Republic of Korea, Japan, and China. There were 205 invited talks in 12 of the technical conferences. On behalf of the organization committee of AOPC, I express thanks to all of the invited speakers and authors for their contributions to and support of the conference.

To celebrate the International Year of Light 2015, we set up 12 display boards highlighting IYL in the exhibition area on the first level. These display boards were to educate the public about light and the applications of light in society.

Finally, on behalf of Prof. Songlin Zhuang, the other co-chairs, and the organization committee of AOPC, I would like to heartily thank our sponsors and cooperating organizations for all they have done for the conference. I thank all of the participants and friends for their interest and efforts in helping us make the conference a success. I also thank the program committee for their effective work and valuable advice—especially the AOPC2015 secretariat and the SPIE staff for their tireless effort and outstanding services in preparing the conference and publishing the proceedings.
Again, we extend our warmest greetings to you and hope you had a pleasant and exciting stay in Beijing!

Guofan Jin