

PROCEEDINGS OF SPIE

AOPC 2017: Fiber Optic Sensing and Optical Communications

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**4–6 June 2017
Beijing China**

Sponsored by
SPIE
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Chinese Society for Optical Engineering (China)
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Department of Cooperation and Coordination for Industry, Academe and Research, CHIA (China)
Science and Technology on Low-light-level Night Vision Laboratory (China)
Science and Technology on Electro-Optical Information Security Control Laboratory (China)

Published by
SPIE

Volume 10464

Proceedings of SPIE 0277-786X, V. 10464

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

AOPC 2017: Fiber Optic Sensing and Optical Communications, edited by Zi-Sen Zhao, Leping Wei, Yanbiao Liao, Weixu Zhang, Desheng Jiang, Wei Wang, Kenneth T. V. Grattan, Proc. of SPIE Vol. 10464, 1046401 · © 2017 SPIE · CCC code: 0277-786X/17/\$18 · doi: 10.1117/12.2296008

Proc. of SPIE Vol. 10464 1046401-1

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Author(s), "Title of Paper," in AOPC 2017: Fiber Optic Sensing and Optical Communications, edited by Zi-Sen Zhao, Leping Wei, Yanbiao Liao, Weixu Zhang, Desheng Jiang, Wei Wang, Kenneth T. V. Grattan, Proceedings of SPIE Vol. 10464 (SPIE, Bellingham, WA, 2017) Seven-digit Article CID Number.

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

ISBN: 9781510614093
ISBN: 9781510614109 (electronic)

Published by

SPIE

P.O. Box 10, Bellingham, Washington 98227-0010 USA
Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445
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Wei Wang, Beijing Institute of Aerospace Control Devices of CASC (China)
Weibiao Chen, Shanghai Institute of Optics and Fine Mechanics, CAS (China)
Wolfgang Osten, Universität Stuttgart (Germany)
Xiandeng Hou, Sichuan University (China)
Xiangping Li, Jinan University (China)
Xiaocong Yuan, Shenzhen University (China)
Xiaodi Tan, Beijing Institute of Technology (China)
Yadong Jiang, University of Electronic Science and Technology of China (China)
Yanbiao Liao, Tsinghua University (China)
Yong Bi, Academy of Opto-Electronics, CAS (China)
Yongtian Wang, Beijing Institute of Technology (China)
Zhe Wang, Tsinghua University (China)
Zhiping Zhou, Peking University (China)

Session Chairs

- 1 Communication Network Reconfiguration and Software Definition
 Optical Transport Network
Tang Xiongyan, Unicom Labs (China)
- 2 Laser ablation, mass spectrometry, IR spectroscopy and instrumentation
Dong Chenzhong, Northwest Normal University (China)
- 3 Development and Application of Distributed Optical Fiber Acoustic
 Sensor
He Zuyuan, Shanghai Jiaotong University (China)
- 4 Application of Fiber Bragg Grating Sensing Technology in Railway Traffic
 Safety Monitoring
Zhou Ciming, Wuhan University of Technology (China)
- 5 Application of Acoustic Wave Distribution Measurement (DAS) in Oil and
 Gas Field
Li Yingping, Shell (China)
- 6 Research and Application of Optical Fiber Grid Monitoring and
 Communication Fusion Technology
Zhang Zhiguo, Beijing University of Posts and Telecommunications (China)

Introduction

Applied Optics and Photonics China (AOPC2017) is the annual conference of the CSOE, and one of the largest academic and industry activities in the field of optical and optoelectronic technology in China. The organization committee has built a platform of academic exchanges, industry exhibitions, and cooperation negotiations in one. There are 8 technical conferences, 7 themes of the Exhibition and approximately 600 technical presentations. We sincerely hope that the research and development of optoelectronic technology are promoted, and the international cooperation between industry and the optical and optoelectronic fields are enhanced.

AOPC2017 is technically co-sponsored by the Chinese Society for Optical Engineering, the Optical Society of Korea (OSK), Optics and Photonics Society of Singapore (OPSS), European Optical Society (EOS), Optical Society of Japan (OSJ) and SPIE. There are also 60 cooperative organizers to support the conference. We received over 1209 contributions from more than 15 countries, including the United States, the United Kingdom, Germany, France, Spain, Australia, Canada, Mexico, Brazil, Japan, Korea, Thailand, Singapore, the Russian Federation, China, and more. There are more than 700 presentations published in the Proceedings of SPIE. After careful discussion, we suggested four keynote speeches which are presented by famous scientists from Germany, Australia, Japan and China. 138 excellent invited talks were presented, 45 are from outside of China. Their presentations reflect first-class research in the field of optics and photonics technology. On behalf of the Organization Committee of AOPC, I express thanks to all the invited speakers and authors for their contributions and support of the conference.

Finally, on behalf of Prof. Zhuang Songlin, and other co-chairmen, and the Organization Committee of AOPC, I would like to heartily thank our sponsors and cooperating organizers for all they have done for the conference, the participants and friends for their interests and efforts in helping us to make the conference a success, the program committee for their effective work and valuable advice, and especially the AOPC2017 Secretariat and the staff of SPIE for their tireless effort and outstanding services in preparing the conference and publishing the Proceedings.

We wish AOPC2017 great success! Hope to see you next year!

Guofan Jin

