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Contents

ix	<i>Authors</i>
xiii	<i>Conference Committee</i>
xv	<i>Introduction</i>

FIBER OPTIC SENSING AND OPTICAL COMMUNICATIONS

10464 02	Influence of optical dome for airborne laser communication beam far-field divergence [10464-1]
10464 03	Research on the novel FBG detection system for temperature and strain field distribution [10464-2]
10464 04	A high spatial resolution distributed optical fiber grating sensing system based on OFDR [10464-4]
10464 05	Perturbation theory and the longitudinal relaxation time T_1 measurement for spin exchange optical polarized ^{129}Xe [10464-6]
10464 06	Three layers multi-granularity OCDM switching system based on learning-stateful PCE [10464-7]
10464 07	Nonlinear optical response of a new Si-Ge waveguides with mid-infrared using femtosecond optical pulses [10464-8]
10464 08	Refractive index and curvature sensitivity of LPFG inscribed in few-modes fiber [10464-10]
10464 09	Information hiding technology and application analysis based on decimal expansion of irrational numbers [10464-11]
10464 0A	Research on performance of three-layer MG-OXC system based on MLAG and OCDM [10464-12]
10464 0B	Deduction of HiBi-PCF-LM interference spectrum equation with a independent probe and the influence of sensor length size [10464-13]
10464 0C	Instrument for all-fiber structure measurement of ultra-low turbidity by using single photon detection technique [10464-14]
10464 0D	A compact fiber sensor based on the high birefringence polarization maintaining fiber for simultaneous strain and temperature measurement [10464-15]
10464 0E	Temperature sensitivity of LPFG inscribed in few modes fiber [10464-16]

10464 OF	Three-tier multi-granularity switching system based on PCE [10464-17]
10464 OG	Changes of quantum state of polarization in coexistence scheme of quantum-classical signal [10464-19]
10464 OH	Study on the performance of quantum key distribution scheme with the single photon frequency up-conversion detector [10464-20]
10464 OI	Applications in bridge structure health monitoring using distributed fiber sensing [10464-22]
10464 OJ	The design of a signal processing system for CCD star sensor [10464-23]
10464 OK	Health monitoring of unmanned aerial vehicle based on optical fiber sensor array [10464-24]
10464 OL	A frequency-doubling microwave photonic phase shifter based on dual-polarization MZM [10464-25]
10464 OM	A new quantum private comparison protocol [10464-27]
10464 ON	Fiber optic refractive index sensor using optofluidic anti-resonant reflecting guidance [10464-28]
10464 OO	Research of hydroelectric generating set low-frequency vibration monitoring system based on optical fiber sensing [10464-50]
10464 OP	Performance analysis of spin-oscillator system based on Simulink [10464-55]
10464 OQ	A cost-effective and reliable method for Brillouin optical time domain analysis [10464-56]
10464 OR	Progress on single-frequency fiber lasers for sensing technology [10464-57]
10464 OS	Distributed FBG sensors apply in spacecraft health monitoring [10464-58]
10464 OT	Dual-wavelength single-frequency Erbium-doped ring fiber laser for high-resolution temperature and strain sensing [10464-60]
10464 OU	Ad hoc laser networks component technology for modular spacecraft [10464-61]
10464 OV	Modeling and analysis of laser active interference optical path [10464-70]
10464 OW	A method for velocity signal reconstruction of AFDISAR/PDV based on crazy-climber algorithm [10464-71]
10464 OX	Long distance Φ-OTDR system based on Raman and EDFA synthetic amplification [10464-72]
10464 OY	Off-resonance laser frequency stabilization method by Faraday rotation spectroscopy using acoustic-optic modulator [10464-73]
10464 OZ	Study of the technics of coating stripping and FBG writing on polyimide fiber [10464-74]

- 10464 10 **A buried intrusion monitoring system based on high sensitivity optical fiber geophone**
[10464-76]
- 10464 11 **The design of photoelectric signal processing system for a nuclear magnetic resonance gyroscope based on FPGA** [10464-77]
- 10464 12 **Monitoring of bolt clamping force at high temperatures using metal-packaged regenerated fiber Bragg grating strain sensors** [10464-78]
- 10464 13 **Orthogonal demodulation phase: shifting design of optical fiber hydrophone based on Hilbert transform** [10464-79]
- 10464 14 **A low noise photoelectric signal acquisition system applying in nuclear magnetic resonance gyroscope** [10464-80]
- 10464 15 **An intrusion detection system based on fiber hydrophone** [10464-81]
- 10464 16 **Study of the characteristics about the digital holography with spherical and plane reference wave** [10464-82]
- 10464 17 **Study of LED layout in indoor visible light communication and performance analysis**
[10464-83]
- 10464 18 **The variance of angle-of-arrival fluctuation of partially coherent Gaussian-Schell Model beam propagations in slant atmospheric turbulence** [10464-84]
- 10464 19 **Real time distributed temperature measurement of the gain fiber in all-fiber laser employing OFDR technology** [10464-86]
- 10464 1A **Research on influence factors of flashing light source measurement** [10464-87]
- 10464 1B **Effect of spherical nonuniform distribute magnetic field on FOG** [10464-88]
- 10464 1C **Simultaneous measurement of temperature and strain based on all-fiber Fabry-Perot sensor** [10464-89]
- 10464 1D **Adaptive elimination of optical fiber transmission noise in fiber ocean bottom seismic system** [10464-90]
- 10464 1E **Balloon-like singlemode-tapered multimode-singlemode fiber structure for refractive index sensing** [10464-91]
- 10464 1F **Microwave photonic frequency downconverter based on single sideband modulation**
[10464-92]
- 10464 1G **Field test investigation of high sensitivity fiber optic seismic geophone** [10464-93]
- 10464 1H **An interferometric fiber optic hydrophone with large upper limit of dynamic range**
[10464-94]
- 10464 1I **Features extraction algorithm about typical railway perimeter intrusion event** [10464-95]

10464 1J	A high sensitivity all-fiber temperature sensor based on SPS fiber structure-based Sagnac loop [10464-96]
10464 1K	Rayleigh scattering based distributed optical fiber sensing [10464-97]
10464 1L	Research on temperature dependent mean wavelength stability of Erbium-doped fiber super fluorescent source for fiber optic gyroscopes [10464-98]
10464 1M	Design of fiber optic F-P cavity pressure sensor based on corrugated diaphragm [10464-99]
10464 1N	Design of the flame detector based on pyroelectric infrared sensor [10464-101]
10464 1O	Towed solid fiber streamer research on acoustic property [10464-102]
10464 1P	Degeneracy and splitting of defect modes in one-dimensional symmetric photonic crystal [10464-103]
10464 1Q	An optical fiber expendable seawater temperature/depth profile sensor [10464-104]
10464 1R	The seam visual tracking method for large structures [10464-106]
10464 1S	Hybrid fiber optic interferometers for temperature and strain measurements [10464-107]
10464 1T	Fiber-optic dosimeters for radiation therapy [10464-108]
10464 1U	Ultra-wideband microwave photonic link based on single-sideband modulation [10464-109]
10464 1V	Holding-time-aware asymmetric spectrum allocation in virtual optical networks [10464-110]
10464 1W	A long distance voice transmission system based on the white light LED [10464-111]
10464 1Y	Research on propane leak detection system and device based on mid infrared laser [10464-114]
10464 1Z	A temperature sensor based on Fresnel reflection on a collimator [10464-115]
10464 20	Effective distance adaptation traffic dispatching in software defined IP over optical network [10464-117]
10464 21	Multi-domain service dispatching scheme based on SDON virtualized network [10464-118]
10464 22	A fiber Bragg grating acceleration sensor for ground surveillance [10464-119]
10464 23	A multi-function and high precision submarine optical fiber monitor [10464-121]
10464 24	Multi-layer service function chaining scheduling based on auxiliary graph in IP over optical network [10464-122]
10464 25	The routing, modulation level, and spectrum allocation algorithm in the virtual optical network mapping [10464-123]

- 10464 26 **High resolution 3C fiber laser micro-seismic geophone array for cross-well seismic**
[10464-125]
- 10464 27 **Transmission properties of defect mode in one-dimensional symmetry photonic crystal under one-way stress** [10464-127]
- 10464 28 **Environmental and reliability test of FBG based geophone as geophysical exploration instrument** [10464-129]
- 10464 29 **Nonuniform distribution of phase noise in distributed acoustic sensing based on phase-sensitive OTDR** [10464-130]
- 10464 2A **Numerical simulation of the photon absorption cross-section of ^{87}Rb D1 line** [10464-180]
- 10464 2B **Walkaway-VSP survey using distributed optical fiber in China oilfield** [10464-360]
- 10464 2C **Fiber optic microphone with large dynamic range based on bi-fiber Fabry-Perot cavity**
[10464-530]
- 10464 2D **Fourier phase demodulation of interferometric fiber sensor** [10464-2170]
- 10464 2E **Wavelength-switched phase interrogator for EFPI sensors with polarization self-calibrated**
[10464-2190]
- 10464 2F **Simultaneous measurement for strain and temperature based on the twisted-tapering fiber structure** [10464-2260]
- 10464 2G **A glucose concentration and temperature sensor based on long period fiber gratings induced by electric-arc discharge** [10464-2340]
- 10464 2H **ϕ -OTDR sensing system with bidirectional pumped fiber Raman amplifier and unbalanced MZ interferometer** [10464-2550]
- 10464 2I **Research on calibration method of downhole optical fiber temperature measurement and its application in SAGD well** [10464-2630]
- 10464 2J **Application of distributed optical fiber sensing technologies to the monitoring of leakage and abnormal disturbance of oil pipeline** [10464-2730]
- 10464 2K **Distributed acoustic sensing technique and its field trial in SAGD well** [10464-2810]
- 10464 2L **Distributed optical fiber temperature sensor and its application in high-temperature well logging** [10464-2870]

Authors

Numbers in the index correspond to the last two digits of the seven-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first five digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Ahmed, Hafeez, 0M	Gong, Xiaoyu, 1L
Archer, James, 1T	Gu, Lijuan, 2K
Bai, Fengshan, 0L	Gui, Huaqiao, 0C
Bai, Jian, 0A	Guo, Chunhui, 0K
Bai, Jianming, 16	Guo, Linyang, 17
Bai, Ting, 0W	Guo, Xian, 0W
Bai, Xuejiao, 1Q	Han, Bo, 0B
Bi, Qilin, 1R	Han, Kai, 19
Cai, Zhidong, 2B	Han, Kang, 1P, 27
Cao, Chunyan, 1D	Han, Lei, 23
Cao, Haibin, 09	Han, Li, 2I, 2K
Cao, Zhigang, 0D	Han, Xia, 0C
Che, Ying, 17	Han, Yan-ling, 1P, 27
Chen, Chi, 1A	Hao, Guanghu, 1G
Chen, Jian-biao, 0V	Hao, Liangbin, 13, 1H
Chen, Rong, 0W	He, Di, 1P, 27
Chen, Shizhe, 1Q	He, Jin, 23
Chen, Xiuyan, 0B	He, Xiangge, 2K
Chen, Yuanzhong, 2B	Hong, Jun, 1Z
Chen, Yudan, 1B	Hou, Zhenxing, 13, 1H
Cheng, Guimei, 0J	Hu, Chengjun, 2I, 2K
Cheng, Jin, 0N, 2C	Hu, Junhui, 1J, 1S
Cheng, Taobo, 1R	Hu, Juntao, 0C
Cui, Lei, 1A	Hu, Shaomin, 0P
Dai, Lingling, 1E	Hu, Wengang, 1B
Deng, Chengwei, 04	Hu, Yanhui, 1E
Deng, Chi, 2J	Hu, Yuting, 0J
Ding, Ming, 1E	Hu, Zhaohui, 14
Ding, Zhichao, 2A	Hu, Zhengliang, 1D, 1O
Dong, Hongsheng, 1D, 1O	Huang, Long, 19
Dong, Jie, 08, 0E	Huang, Xiujun, 0S, 0U
Dong, Ke, 04	Huang, Xu Guang, 1Z
Dong, Lei, 1N, 2H	Huang, Yi, 0J
Du, Chao, 2G	Huang, Yong-Kuo, 12
Du, Jing, 1J, 1S	Ji, Yuefeng, 1V, 20, 21, 24, 25
Du, Rui, 2L	Jia, Yaqing, 1A
Duan, Liangcheng, 0T	Jia, YaQiong, 1Z
Duan, Shengnan, 2I	Jian, Bi-yuan, 1P
Duan, Zhiwei, 20	Jiang, Guohui, 0X
Fan, Xuanyu, 1L	Jiang, Lun, 02
Fang, Zishan, 0Y	Jiang, Meng, 1Y
Feng, Qiaoling, 1Y	Jiang, Shao-dong, 22, 26, 28
Feng, Yafei, 0I, 0Q	Jiang, Xiaomin, 1R
Fu, Shijie, 0R, 0T	Jiao, Yuzhu, 1C
Fu, Xin, 2D	Jin, Shilong, 05
Fu, Yu, 13	Kan, Baoxi, 1H
Gao, Peng, 0B	Ke, Xizheng, 18
Gao, Ran, 0N, 2C	Kong, Deyi, 0C
Ge, Huiliang, 0I, 0Q	Li, Bin, 07

Li, Enbang, 1K, 1T
 Li, Fei, 2B
 Li, Hong, 1I
 Li, Hongfa, 20, 25
 Li, Hui, 1V, 20, 21, 24, 25
 Li, Jiajia, 2A
 Li, Jing, 17
 Li, Jingnan, 1F, 1U
 Li, Junyi, 2J, 2L
 Li, Kai, 1N
 Li, Kang, 0D
 Li, Ming, 28
 Li, Na, 2L
 Li, Pan, 1Y
 Li, Shijian, 2I
 Li, Shujuan, 0O, 10, 1G
 Li, Shuo, 0J
 Li, Yang, 1P, 27
 Li, Yan-jie, 0W
 Li, Yanpeng, 2B
 Li, Ying-chao, 02
 Li, Yingying, 05, 0P
 Li, Yixuan, 24
 Li, Yun Xia, 0G
 Li, Zhulin, 1Z
 Liao, Xubo, 0P
 Lin, Jiping, 0D
 Lin, Yi, 20
 Liu, Cheng, 2J
 Liu, Congwei, 2B
 Liu, Deming, 2D, 2F
 Liu, Fei, 2K
 Liu, Jianguo, 0C
 Liu, Junrong, 15
 Liu, Lihai, 1I
 Liu, Shixuan, 1Q
 Liu, Wende, 1A
 Liu, Xiaoguang, 1R
 Liu, Xiao-hui, 1M, 26
 Liu, Xiaoyong, 09
 Liu, Yanfei, 06, 0F
 Liu, Yang, 1N
 Liu, Yuze, 1V, 20, 24, 25
 Liu, Zhi-chao, 03
 Liu, Zhuang, 02
 Lu, Dan-feng, 0N, 2C
 Lu, Hanglin, 1J, 1S
 Lu, Jun, 1B
 Lu, Liang, 0C
 Lu, Pei, 09
 Lu, Ping, 2D, 2F
 Lu, Qilin, 14
 Lu, Yang, 29
 Lu, Zhiwei, 2I
 Luo, Hong, 2E
 Luo, Hui, 05, 0P
 Luo, Hui, 2J
 Luo, Jun Wen, 0G, 0H
 Luo, Yuxiang, 0K
 Lv, Jingsheng, 22

Lyu, Chunjian, 1V
 Ma, Long, 1M
 Ma, Pengfei, 19
 Mao, Shaojuan, 1B
 Meng, Ying, 0A
 Meng, Zhou, 29
 Min, Li, 0O, 10, 1G, 28
 Mu, Weiwei, 1I
 Ni, Jia-sheng, 0Z, 22, 26, 28
 Ni, Wenjun, 2F
 Niu, Yanxiong, 1E
 Nuer, Maimaiti, 2I
 Pan, Yong, 2I, 2K
 Peng, Gangding, 28
 Peng, Ying-cheng, 0W
 Qi, Haifeng, 0Z
 Qi, Zhi-mei, 0N, 2C
 Qin, Feihu, 0C
 Qiu, Xiufen, 15
 Quan, Wei, 0Y
 Quan, Wenwen, 1J, 1S
 Ren, Jian-ying, 0V
 Ren, Yanfei, 0A
 Rong, Lu, 1U
 Sang, Mei, 08, 0E
 Shan, Cong-miao, 0V
 Shao, Fei, 0K
 Shao, Jianxin, 09
 Shao, Laipeng, 1J, 1S
 Shen, Heping, 15
 Shen, Jingshi, 0K, 0S, 0U
 Sheng, Quan, 0R, 0T
 Shi, Dele, 0S, 0U
 Shi, Lei, 0G, 0H
 Shi, Wei, 0R, 0T
 Song, Haibing, 2L
 Song, ZhiQiang, 0Z
 Sun, Hao, 06, 0F
 Sun, Hua-yan, 0V
 Sun, Zhi-hui, 0O, 10, 1G, 26, 28
 Tan, Zhenkun, 18
 Tian, Chunyu, 1W
 Tian, Jiajun, 1C
 Tian, Ming, 2H
 Tian, Xiaozhong, 0X
 Tong, Shou-feng, 02
 Tong, Xinlin, 04
 Tu, Shan-Tung, 12
 Tu, Yun, 12
 Wang, Chang, 0O, 0Z, 10, 1G, 22, 26, 28
 Wang, Chao, 02
 Wang, Chaodong, 1I
 Wang, Dachi, 1W
 Wang, Dayong, 1F, 1U
 Wang, Fuyin, 2E
 Wang, Hailiang, 13, 1H
 Wang, Hong, 1P, 27
 Wang, Hongzhong, 1M
 Wang, Huangqin, 0C
 Wang, Jiaan, 17

Wang, Jian, 0D
 Wang, Jing, 0M
 Wang, Junlong, 1Y
 Wang, Meng, 0O, 1G
 Wang, Ningbo, 2I
 Wang, Qi, 2G
 Wang, Qiuli, 08, 0E
 Wang, Tianli, 0C
 Wang, Xiaolin, 19
 Wang, Xinlan, 17
 Wang, Xuefeng, 1H, 1Y
 Wang, Yizhao, 1Y
 Wang, Yubao, 06, 0A, 0F
 Wang, Yulian, 1W
 Wang, Yunxin, 1F, 1U
 Wang, Yunyun, 25
 Wang, Zhiguo, 05, 0P
 Wei, Chang, 1W
 Wei, Jiahua, 0H
 Wei, Yongfeng, 0L
 Wen, Hongqiao, 04
 Wu, Guang-bin, 27
 Wu, Junjun, 2B
 Wu, Tianyin, 1J, 1S
 Wu, Wenfeng, 1I
 Xia, Ji, 2E
 Xiao, Dong Rui, 1Z
 Xiao, Maosen, 16
 Xie, Liangping, 1L
 Xing, Yuan-ding, 0W
 Xiong, Shuidong, 2E
 Xiong, Yuchuan, 04
 Xu, Feng, 1W
 Xu, Jiahao, 1F, 1U
 Xu, Ling, 0M
 Xu, Xiaojun, 19
 Xue, Yang, 0G, 0H
 Yan, Xingkui, 1Q
 Yang, Biyao, 1E
 Yang, Bowen, 1E
 Yang, Dan, 14
 Yang, Dengcai, 1F, 1U
 Yang, Jin-hua, 03
 Yang, Ning, 0K
 Yang, Peng, 0L
 Yang, Xianglong, 1Q
 Yang, Xiaojun, 2J, 2L
 Yang, Yufei, 07
 Yao, Jianquan, 0R, 0T
 Yao, ShengXing, 1Z
 Yao, Yong, 1C
 Yi, Duo, 2K
 Yin, Jianling, 1B
 Yin, Na, 0J
 Yin, Yiheng, 1E
 Yu, Benhua, 1N
 Yu, Benli, 0D, 1W
 Yu, Gang, 2B
 Yu, Ji, 0B
 Yu, Wenpeng, 1H, 2J

Yu, Yuan, 0X
 Yu, Zhijie, 29
 Yuan, Jie, 05, 2A
 Zhai, Yueyang, 0Y
 Zhan, Xiang, 05
 Zhang, Bin, 1L
 Zhang, Chunxi, 1L
 Zhang, Cui, 04
 Zhang, Cuicui, 0S
 Zhang, Fa-xiang, 0O, 10, 1G, 22, 26, 28
 Zhang, Guosheng, 0D
 Zhang, Haiwei, 0R, 0T
 Zhang, Haiyan, 13, 1H
 Zhang, Jian, 0C
 Zhang, Jiande, 0K
 Zhang, Jiangshan, 2D, 2F
 Zhang, Jianliang, 1A
 Zhang, Keke, 1Q
 Zhang, Lei, 13, 1H
 Zhang, Liang, 2H
 Zhang, Min, 2K
 Zhang, Qinghong, 2B
 Zhang, Xian, 11, 14
 Zhang, Xiao-lei, 0O, 10, 1G, 26, 28
 Zhang, Xudong, 23
 Zhao, Haiying, 2B
 Zhao, Meng, 0X
 Zhao, Qiang, 1Q
 Zhao, Qingchao, 1M
 Zhao, Wenan, 1M
 Zhao, Xinghua, 11, 14
 Zhao, Yan-zhong, 0V
 Zhao, Zhiwen, 0M
 Zhao, Zhong, 1G
 Zheng, Baichao, 13, 1H
 Zheng, Huan, 0I, 0Q
 Zheng, Mingfang, 21
 Zhong, Chenhao, 08, 0E
 Zhong, Qiuwen, 1D, 1O
 Zhong, Xin, 1F, 1U
 Zhou, Binqun, 11, 14
 Zhou, Jieyun, 1I
 Zhou, Tao, 1F, 1U
 Zhou, Zichao, 19
 Zhu, Meng, 16
 Zhu, Xiaofei, 2J, 2L
 Zhu, Yulong, 1R
 Zhu, Zhenmin, 09

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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