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**Shibin Jiang
Lijun Wang
Chun Tang
Yong Cheng**
Editors

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Contents

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

ADVANCES IN LASER TECHNOLOGY AND APPLICATIONS

9671 02	Hybrid algorithm for precise design of diffractive optical elements for beam shaping [9671-1]
9671 03	Linear CCD attitude measurement system based on the identification of the auxiliary array CCD [9671-2]
9671 04	A tunable and wide-range frequency-offset locking technology using external frequency modulation [9671-3]
9671 05	A structured light sensor measuring method based on wMPS global controlling [9671-4]
9671 06	High-repetition-rate single-frequency electro-optic Q-switched Nd:YAG laser with feedback controlled prelude [9671-5]
9671 07	Verification of dynamic initial pointing algorithm on two-dimensional rotating platform based on GPS/INS [9671-6]
9671 08	The optical nonlinearities of ZnO nanoparticles and ZnO crystal [9671-9]
9671 09	The effect of tracking performance due to temperature distribution of SiC reflectors in periscopic laser communications [9671-10]
9671 0A	Nonlinear absorption characteristics of carbon quantum dots [9671-11]
9671 0B	Research on the laser angle deception jamming technology of laser countermeasure [9671-12]
9671 0C	High luminance low etendue white light source using blue laser over static phosphor [9671-13]
9671 0D	Thermal research of infrared sight signal processing circuit board under temperature shock environment [AO300-500]
9671 0E	Experimental study on photodiode damage by millisecond pulse laser irradiation [9671-16]
9671 0F	Calculation of impulse laser rangefinders' utmost operating range with sensitivity in different weather [9671-18]

- 9671 OG **Research on key technologies of LADAR echo signal simulator [9671-21]**
- 9671 OH **Life prediction of 808nm high power semiconductor laser by accelerated life test of constant current stress [9671-26]**
- 9671 OI **Contrastive analysis of multiple exciton generation theories [9671-28]**
- 9671 OJ **Thermal distortion analysis for silicon reflectors irradiated by high-power laser [9671-29]**
- 9671 OK **Retrieval of aerosol extinction coefficients from ground-based 532nm lidar during APEC conference in Beijing [9671-30]**
- 9671 OL **Implant-defined coherent hexagonal vertical cavity surface emitting laser array [9671-31]**
- 9671 OM **THz generation from optical rectification tilted-pulse-front pumping scheme with laser pulse focused to a line [9671-33]**
- 9671 ON **Design and experiment for realization of laser wireless power transmission for small unmanned aerial vehicles [9671-34]**
- 9671 OO **Study of the properties of slow light in planar photonic crystal coupled-cavity waveguides [9671-35]**
- 9671 OP **High-power and low-loss room temperature operation of 2.4 μ m GaInAsSb/AlGaAsSb type-I strained quantum-well laser diodes [9671-36]**
- 9671 OQ **Research of time fiducial and imaging VISAR laser for Shengguang-III laser facility [9671-65]**
- 9671 OR **Numerical simulation of temperature field and thermal stress field in silicon-based positive-intrinsic-negative photodiode irradiated by multipulsed millisecond laser [9671-44]**
- 9671 OS **Research of advanced optical coupler coating technology on extending lifetime of high power laser [9671-48]**
- 9671 OT **Research of new packaging and cooling technique for high power fiber laser used pump coupler [9671-49]**
- 9671 OU **The design and experiment research of high brightness all-fiberized ytterbium doped laser operating near 980 nm [9671-50]**
- 9671 OV **The investigation and prospect on optical principles of multiple space laser communication [9671-52]**
- 9671 OW **Numerical calculation and characteristic analysis of multiple-beam laser reflection on random and rough sea surface [9671-58]**
- 9671 OX **Transient absorption characterization of Cu- and Zn-metallized derivatives of meso-tetrakis (4-caynophenyl) N-confused porphyrin [9671-60]**
- 9671 OY **High efficient CW 593.5nm yellow laser with PPMgLN intracavity sum-frequency mixing [9671-61]**

- 9671 0Z **Parameters effects study on pulse laser for the generation of surface acoustic waves in human skin detection applications [9671-62]**
- 9671 10 **A scanning measurement method of the pitch of grating based on photoelectric microscope [9671-63]**
- 9671 11 **Electromagnetic scattering of an aggregate of particles illuminated by an arbitrary shaped beam [9671-64]**
- 9671 12 **Design of a kW-output fiber coupled diode laser system [9671-66]**
- 9671 13 **The multi-channel laser focusing transceiver system and analysis of the image quality [9671-71]**
- 9671 14 **Design and realization of beam collimation system for semiconductor laser in atomic magnetometer [9671-72]**
- 9671 15 **Lasing process inside gas-state media of a diode-pumped alkali laser [9671-75]**
- 9671 16 **Output features of two types of diode-pumped alkali vapor lasers in time domain [9671-76]**
- 9671 17 **Thermally induced lens in an end-pumped cesium laser [9671-77]**
- 9671 18 **Numeric analysis of terahertz wave propagation in familiar packaging materials [9671-80]**
- 9671 19 **Analysis and research on technology system of space broadband network based on laser link [9671-81]**
- 9671 1A **Analysis and studies on the threats to the composite material from laser [9671-82]**
- 9671 1B **A digital frequency stabilization system of external cavity diode laser based on LabVIEW FPGA [9671-85]**
- 9671 1C **Thermal effects of single-pulse laser irradiation on fused silica [9671-86]**
- 9671 1D **Carrier generation in high gain GaAs photoconductive semiconductor switches [9671-87]**
- 9671 1E **A new method for transmission of infrared radiation in polydisperse water sprays [AO600-193]**
- 9671 1F **Compensation system for FM-to-AM effects in high-power laser system [9671-89]**
- 9671 1G **An ultra large negative dispersion regular octagonal PCF with liquid infiltration [9671-93]**
- 9671 1H **Theoretical explanation of the polarization-converting system achieved by beam shaping and combination technique and its performance under high power conditions [9671-96]**
- 9671 1J **Narrow dark polariton due to coupled coherence in a quantum well microcavity [9671-99]**
- 9671 1K **Principle and experiment study of non-modulated 1064nm CW Doppler fiber LADAR system [9671-101]**

- 9671 1L **Effect of feedback elements on the phase locking properties of fiber lasers via mutual injection coupling** [9671-102]
- 9671 1M **Study on frequency control method for DBR laser diode based on FPGA** [9671-106]
- 9671 1N **Correction of Abbe error in involute gear measurement using a laser interferometric system** [9671-107]
- 9671 1O **Polarization control by ellipse-shaped photonic crystal pattern with higher absorption in VO₂ film** [9671-109]
- 9671 1P **The optimal frequency and power of a probe beam for atomic sensor** [9671-111]
- 9671 1Q **Laser intensity stabilization with a liquid crystal variable retarder for a nuclear magnetic resonance gyroscope prototype** [9671-112]
- 9671 1R **Research on simulating hyperspectral lidar** [9671-113]
- 9671 1S **A denoising approach for detection of canopy and ground from ICESat-2's airborne simulator data in Maryland, USA** [9671-115]
- 9671 1T **Study on the second harmonic generation of tunable TEA CO₂ laser in quasi-phase-matched GaAs crystal** [9671-117]
- 9671 1U **Massive information sharing among global data centers based on satellite laser communication** [9671-118]
- 9671 1V **A fourth-order Runge–Kutta in the interaction picture method for simulating supercontinuum generation in photonic crystal fibers** [9671-119]
- 9671 1W **Comparative study of Nd:KGW lasers pumped at 808 nm and 877 nm** [9671-122]
- 9671 1X **Numerical investigation of thermo-mechanical behaviour of composite under local laser heating** [9671-123]
- 9671 1Y **Design of active disturbance rejection controller for space optical communication coarse tracking system** [9671-126]
- 9671 1Z **Broadband mid-infrared wavelength conversion laser based on Cr²⁺ doped ceramic materials** [9671-127]
- 9671 20 **The nonlinear optical properties of molybdenum disulfide** [9671-128]
- 9671 21 **Direct liquid cooled Nd:YLF thin disk laser with unstable resonator** [9671-129]
- 9671 22 **Generation and propagation of stretched-pulse with sidebands** [9671-130]
- 9671 23 **The third-order nonlinear optical properties of unsymmetrical trimethine cyanine dyes** [9671-131]
- 9671 24 **Intracavity continuous-wave optical parametric oscillator tuning from 1.9 μm to 2.4 μm** [9671-132]

- 9671 25 **Kinetic simulation of fiber amplifier based on parallelizable and bidirectional algorithm**
[9671-133]
- 9671 26 **The effect of radial polarization in multiphoton lithography** [9671-136]
- 9671 27 **Fabrication and optical transmission characteristics of polymers woodpile photonic crystal structures with different crystal planes** [9671-138]
- 9671 28 **Research on output beam characteristic from unstable resonator of DF laser** [9671-139]
- 9671 2A **Fiber coupling design of high power cm-bar laser diodes based on Zemax** [9671-143]
- 9671 2C **Spectral property of ultrashort chirped pulsed Gaussian beams diffracted by Gaussian aperture in dispersive media** [9671-147]
- 9671 2D **Numerical simulation of temperature field in K9 glass irradiated by ultraviolet pulse laser**
[9671-145]

Authors

Numbers in the index correspond to the last two digits of the six-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first four 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.

Ai, Yong, 0N, 1Y	Feng, Yanying, 04
An, Guofei, 15, 16, 17	Feng, Ying, 1L
An, Yan, 0V	Fu, Sen, 09
Ao, Guanghong, 0X	Fu, Xing, 0Z
Briard, Paul, 11	Gao, Hongtang, 10
Cai, He, 15, 16, 17	Gao, Meiling, 08, 0A
Cai, Ji-xing, 1C	Gao, Ming, 15, 16, 17
Cai, Lei, 28	Gao, Qingsong, 21
Cai, Zhen, 21	Gao, Songxin, 12
Chang, Chengwu, 19	Gao, Wei, 0B
Chang, Qing, 08, 0A, 0I	Gao, Yang, 05
Chen, Bowei, 1S	Gao, Youtang, 0D
Chen, Erhu, 19	Ge, Wen-Qi, 1W
Chen, Haihuan, 25	Ge, Yan, 06
Chen, Kun, 0Z	Gu, Guohua, 1O
Chen, Lianghui, 0P	Gu, Huarong, 02
Chen, Ling-Jing, 27	Gu, Jian, 0N, 1Y
Chen, Linlin, 1M, 1P, 1Q	Guo, Jie, 2C
Chen, Qi, 0N	Guo, Linhui, 12
Chen, Qian, 1O	Guo, Yin, 05
Chen, Shu, 04	Han, Juhong, 15, 16, 17
Chen, Wen-jian, 0B	Han, Long, 0V
Chen, Xi, 14	Han, Yiping, 11
Chen, Xingfeng, 0K	Hao, Jiepeng, 1M
Chen, Yang, 05	He, Jian-Guo, 1W
Chen, Yu-dan, 0F	He, Xuemei, 20, 23
Chen, Zuiyu, 1F	He, YouJin, 0J
Cheng, Liyu, 19	Hong, Jintao, 1M, 1P
Cui, Yihan, 13	Hong, Wei, 1O
Dai, Shutao, 06	Hoshina, Hiromichi, 0M
Dang, Zhao, 0Q	Hou, Weizhen, 0K
Deng, Jing, 06	Hu, Dongxia, 0Q
Ding, Huang, 0D	Hu, Qianhuan, 2C
Dong, Xian-Zi, 26, 27	Hu, Yinghui, 03
Dorantes-Gonzalez, Dante J., 0Z	Hu, Zhaohui, 1B
Du, Hai-Wei, 0M	Huang, Jianhong, 06
Du, Yongcheng, 1E	Huang, Ke, 1W
Duan, Lihong, 14	Jiang, Huilin, 0V
Duan, Xi, 2C	Jiang, Lun, 0V
Duan, Xuan-Ming, 26, 27	Jiang, Xingfang, 1G
Duan, Yuan-yuan, 0B	Jiang, Yijun, 09
Fan, Wei, 1F	Jiang, Youen, 1F
Fan, Zhong-Wei, 1W	Jiang, Zhigang, 15, 16, 17
Fang, Tao, 0Y, 24	Jiang, Zhikun, 04
Fang, Xiaodong, 2D	Jin, Guang-yong, 0E, 0R, 1C
Fang, Yu, 20, 23	Ke, WeiWei, 0U
Farooq, Tayyab, 0C	Kong, Xiangmin, 1G
Fei, Ligang, 19	Kou, Baohua, 19
Feng, Chen-Yong, 1W	Lei, Bing, 1L

Lei, Guanqun, 1M, 1P, 1Q
 Li, Cong, 1U
 Li, Cui Li, 1J
 Li, Feng, 1R
 Li, HaiYan, 0J
 Li, He, 1C
 Li, Hui, 2A
 Li, Jinhui, 06
 Li, Kai, 03
 Li, Kangwen, 0P
 Li, Meng-lin, 1R
 Li, Mingzhong, 0Q
 Li, Qiang, 1T
 Li, TengLong, 0U
 Li, Tingting, 0Z
 Li, Wei, 0H
 Li, Xiao, 1H, 1Z
 Li, Xiao, 1X
 Li, Xinlu, 1G
 Li, Xuechun, 1F
 Li, Yanning, 0Z
 Li, Zewen, 1X
 Li, Zhengqiang, 0K
 Li, Zhuo, 0G
 Liang, Qing, 1Q
 Lin, Hu, 1N
 Lin, Jiarui, 05
 Lin, Le, 26
 Lin, Wenxiong, 06
 Lin, Ya-jun, 0T
 Liu, Baiqi, 14
 Liu, Chong, 21
 Liu, Hong, 1D
 Liu, Huagang, 06
 Liu, Huikai, 1E
 Liu, Jie, 0L
 Liu, Jie, 27
 Liu, Liang, 0J
 Liu, Naijin, 1U
 Liu, Ru-qing, 1R
 Liu, Suping, 0H
 Liu, Wei, 1L
 Liu, Yuehao, 1K
 Liu, Zhao, 0K
 Liu, Zhuohuan, 1B
 Lou, ShuLi, 0J
 Lv, Yang, 0K
 Ma, Shi-wei, 0B
 Ma, Xiaoyu, 0H
 Ma, Yi, 0U
 Ma, Yun-liang, 0S, 0T
 Mao, Shao-juan, 0F
 Mao, Yongqing, 0O
 Mu, Wei, 0S, 0T
 Ni, Xiaowu, 1X
 Nie, Jinsong, 1V
 Niu, Jun, 0D
 Otani, Chiko, 0M
 Pang, Yong, 1S
 Qi, Lu, 1B

Qi, Yan, 0Y, 24
 Qian, KeYuan, 0C
 Qian, Xian-mei, 0F
 Qiao, Jianliang, 0D
 Qu, Weidong, 02
 Qu, Xu, 1C
 Qu, Yi, 2A
 Qu, Zhou, 13
 Quan, Wei, 14
 Qv, Pu-bo, 28
 Ren, JianCun, 0J
 Ren, Wei-yan, 28
 Shang, YaPing, 1H, 1Z
 Shen, Zhonghua, 1X
 Shi, Fei, 06
 Shi, Jianhua, 1L
 Shi, Qianyun, 0N
 Shi, Rui, 0G
 Shu, Jing, 0O
 Si, Xu, 0S, 0T
 Song, Guofeng, 0P
 Song, Jiakun, 0P
 Song, Yinglin, 0X, 20, 23
 Song, Yiwei, 09
 Song, Yuzhi, 0P
 Su, Xue Mei, 1J
 Sui, Xin, 13
 Sun, Chunsheng, 0W
 Sun, Hongri, 13
 Sun, YinHong, 0U
 Tan, Hengyu, 0I
 Tan, Qiaofeng, 02
 Tan, Rongqing, 1T
 Tan, Yong, 0E, 0R
 Tang, Bin, 1G
 Tang, Chun, 0U, 21
 Tang, Meng, 1K
 Tao, Kunyu, 09
 Tian, Xiaocheng, 0Q
 Tong, Shihong, 2C
 Tu, Bo, 21
 Wang, Chao, 0V
 Wang, Di, 0E
 Wang, Feng, 0Q
 Wang, Guoliang, 1A
 Wang, Hao, 10
 Wang, Hao, 1T
 Wang, Hongyuan, 15, 16, 17
 Wang, Hui, 28
 Wang, Jiajie, 11
 Wang, Jian, 07
 Wang, Jiangfeng, 1F
 Wang, Jianjun, 0Q
 Wang, Jingnan, 1V
 Wang, Juanjuan, 07
 Wang, Jun, 0L
 Wang, Kai-ming, 2A
 Wang, Ke, 21
 Wang, Liwei, 1A
 Wang, Peng, 1H, 1Z

Wang, Qiang, 1K
 Wang, Tao, 1B
 Wang, Tao, 1J
 Wang, Xi, 2D
 Wang, XiaoJun, 0U
 Wang, Xin, 0G
 Wang, Yan, 03
 Wang, YanShan, 0U
 Wang, Yanwei, 0Y, 24
 Wang, You, 15, 16, 17
 Wang, Yu, 0Y
 Wang, Yuxiao, 0X
 Wang, Zhe, 1O
 Wang, Zhenguo, 0Q
 Wang, Zhongyu, 10
 Wei, Zhi, 0E, 0R
 Weng, Wen, 06
 Wu, Dan, 1D
 Wu, Deyong, 12
 Wu, Hongchun, 06
 Wu, Hudling, 12
 Wu, Sen, 0Z
 Wu, Wenfeng, 1P, 1Q
 Wu, Wenhao, 25
 Xiao, Chun, 0S, 0T
 Xiao, Zhengguo, 0X
 Xie, Fang, 1A
 Xu, Chen, 0L
 Xu, Cheng-lin, 0S, 0T
 Xu, Dangpeng, 0Q
 Xu, Fan, 14
 Xu, Lu, 1K
 Xu, Rui, 0G
 Xu, Wei, 1A
 Xu, XiaoJun, 1H, 1Z
 Xu, Yang, 1K
 Xu, Yuan, 0D
 Xu, Yun, 0P
 Xue, Liangping, 15, 16, 17
 Xue, Zi, 1N
 Xun, Meng, 0L
 Yan, Boxia, 0Y, 24
 Yan, Xueshu, 04
 Yang, BaoHua, 07
 Yang, Chenghua, 1K
 Yang, Guang, 18
 Yang, Guoliang, 1N
 Yang, Huanbi, 25
 Yang, Jianqian, 0J
 Yang, Junyi, 20, 23
 Yang, Kun, 13
 Yang, Li, 1E
 Yang, Shourui, 05
 Yang, Wei, 1D
 Yang, Yuting, 1D
 Yao, Nan, 0H
 Yao, Tianfu, 1L
 Yao, Weixing, 1A
 Ye, Jiansen, 0G
 Ye, Zhibin, 21

Yi, Longteng, 1U
 Yin, Ke, 1Z
 Ying, Jia-ju, 0F
 Yu, Junhong, 12
 Yuan, Feng, 03
 Zhan, Juntong, 0V
 Zhang, Bo, 13
 Zhang, Dechen, 0N
 Zhang, Dongshuai, 08
 Zhang, Jian-jia, 2A
 Zhang, Lihong, 18
 Zhang, Rui, 0Q
 Zhang, Rui, 1J
 Zhang, Shuang, 0W
 Zhang, Wei, 15, 16, 17
 Zhang, Xiaohui, 0W
 Zhang, Xueru, 0X
 Zhang, Yalin, 0V
 Zhang, Yani, 22
 Zhang, Yong, 1K
 Zhang, Yong-Liang, 27
 Zhang, Yu, 0P
 Zhang, Zheng, 28
 Zhao, Hongyu, 0R
 Zhao, Tian-Zhuo, 1W
 Zhao, Yihao, 0H
 Zhao, Yuan, 1K
 Zhao, Yuan-Yuan, 27
 Zhao, Zhen-Sheng, 26, 27
 Zhen, Shengbin, 08
 Zheng, Guang, 24
 Zheng, Hui, 06
 Zheng, Li, 1D
 Zheng, Mei-Ling, 26, 27
 Zheng, Wanguo, 0Q
 Zheng, Yijun, 1T
 Zhong, Li, 0H
 Zhou, Bing, 0F
 Zhou, Binqian, 1M, 1P, 1Q
 Zhou, Dandan, 0Q
 Zhou, Feng, 20, 23
 Zhou, Jie, 15, 16, 17
 Zhou, Song-qing, 28
 Zhu, Dandi, 0N
 Zhu, Hong-bo, 2A
 Zhu, Jing-guo, 1R
 Zhu, Na, 0Q
 Zhu, Qihua, 0Q
 Zhu, Xiaoling, 1D
 Zhuo, Zhong Chang, 1J
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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