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Contents

- vii Authors
- ix Conference Committees
- xi Introduction

SESSION 1 OPTOELECTRONIC DEVICES AND INTEGRATION

11334 02	On-board relative calibration method and numerical simulation of array optical remote sensor based on LED [11334-1]
11334 03	InGaN/GaN MQWs green-light photodetectors with thin GaN barrier layers [11334-2]
11334 04	Research on a single-ring absolute coder disc encoding and decoding technology combined with Huffman coding [11334-3]
11334 05	Fiber to resonator coupling simulation measure and optimization [11334-4]
11334 06	Optimized oven for optical resonator heating process [11334-5]
11334 07	Active multi-wavelength Šolc-type filter based on MgO:APLN [11334-6]
11334 08	2-D beam deflection model of liquid crystal phased array [11334-8]
11334 09	Multi-domain evaluation method for RF stealth performance based on IFA-TOPSIS with hesitant fuzzy sets [11334-9]
11334 0A	Precision three-dimensional small angle measurement system under small space conditions [11334-10]
11334 OB	Research on spectroradiometer for irradiance calibration in ageing tests [11334-11]
11334 OC	Three dimensional Dirac semimetal thin film heterojunction photodetector: organics on Cd_3As_2 [11334-12]
11334 0D	Directly modulated semiconductor lasers with surface high-order grating fabricated by standard photolithography [11334-13]
11334 OE	The research of InSb on Si avalanche photodiode [11334-14]
11334 OF	Research on the attitude update algorithm of SINS based on MIMU [11334-15]

11334 0G	Infrared passive athermalization system based on the selection of T-C initial system [11334-16]
11334 OH	An electro-optic controllable polarization rotator based on the GaN/Al _{0.3} Ga _{0.7} N superlattice waveguide [11334-17]
11334 0	Function of S parameter in gain theory of microchannel plate and simulation of gain performance [11334-18]
11334 OJ	Research on the development status of surface inspection technology [11334-19]
11334 OK	Study on length calibration method of coherent optical time domain reflectometer $[11334-20]$
11334 OL	Effect of atomic layer deposited aluminium oxide films on electrical properties of lead silicate glass microchannel plate [11334-21]
11334 OM	The total luminous flux measurement of high-power LEDs [11334-22]
11334 ON	Electromagnetic immunity of the embedded CAN controller in different transmission rates to conducted interference [11334-23]
11334 00	A high-precision 6D sensor based on optoelectronic measurement [11334-24]
11334 OP	Sensitive photodetectors based on carbon nanotube/graphene films [11334-25]
11334 0Q	Application of double threshold time discrimination based on amplifier type in laser ranging [11334-26]
11334 OR	Research progress and development of resistive glass for Resistive Plate Chambers [11334-27]
11334 OS	Design of a multi-band LED phototherapy system with therapeutic evaluation [11334-29]
11334 OT	The manufacture of depolarizer in transform system of immersion photolithography polarization state [11334-30]
11334 OU	Study on the glassy and conductive properties of SiO2-B2O3-P2O5-Al2O3-MxOy system [11334-32]
11334 OV	Design of a medical micro pressure sensor based on the conducting rubber film [11334-33]
11334 OX	Highly stretchable and transparent electrodes enabled by embedded metal meshes [11334-36]
11334 OZ	Study on stray radiation suppression of vacuum cryogenic infrared radiation measurement system [11334-38]
11334 10	Development of Mars surface illumination environment simulation system [11334-39]

11334 12 Calibration device for laser target simulator [11334-41] 11334 13 Multi-layer stacks of GaN/n-Al_{0.5}GaN self-assembled quantum dots grown by metal-organic chemical vapor deposition [11334-42] Research on fast hyperspectral atmospheric radiation transfer imaging modeling based on 11334 14 .NET environment [11334-43] Research on mechanism and control technology of fixed pattern noise between multi-fibers of 11334 15 microchannel plate [11334-44] 11334 16 Overview of spectral tunable sources [11334-45] 11334 17 Design of collimating optical system for high power array LED [11334-46] 11334 18 Influence of parabolic reflector parameters on illuminance of directional xenon lamp [11334-47] 11334 19 Optimal design of a 1×4 liNbO3 optical switch based on Mach-Zehnder interferometer [11334-48] Analysis of signal characteristics of novel grating displacement sensor based on infrared LED 11334 1A [11334-49] 11334 1B Traveling wave electrode design for a LiNbO3 integrated optical switch [11334-52] Noise and linewidth characterizations of DBR laser based on surface etched high-order Bragg 11334 1C gratings [11334-54]

Non-orthogonal calibration compensation method for three-axis magnetometer based on

11334 1D Research on stabilization algorithm of LOS for ship borne laser weapon based on the strap down measurements [11334-55]

11334 1E **CPT-based atomic clock with Rb vapour cell fabricated by direct optical bonding** [11334-56]

SESSION 2 TERAHERTZ TECHNOLOGY AND APPLICATIONS

cosine magnetic field [11334-40]

11334 11

11334 1FCharacterizing targets' scattering property through multi-angle imaging of active MMW system
[11334-201]11334 1GInvestigation on the polarization characteristics of several crystals at terahertz band
[11334-204]11334 1HDesign of a ultra wide band mixer based on the microstrip balun [11334-205]11334 1IPropagation studies for indoor and outdoor terahertz wireless links [11334-206]

- 11334 1JEffects of surface roughness on terahertz wireless links [11334-207]
- 11334 1K Nonlinear terahertz metamaterials absorber based on InAs [11334-208]
- 11334 1LA novel broadband Marchand balun using multilayer coupled microstrip lines configuration
[11334-209]
- 11334 1M Variable angle terahertz reflectance measurement based on fiber-type terahertz time-domain spectrometer [11334-210]
- 11334 1N Design of wide-band terahertz slotted antenna in CMOS [11334-211]
- 11334 1PResearch on THz spectrum detection model of stored grain quality based on deep learning
[11334-213]

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.

Bai, Xue, 1N Bassir, David, 05, 06 Blinov, I., 1E Bo, Tiezhu, OL, OR, OU, 15 Cai, Hua, OL, OU Cao, Yinhua, 19 Chen, Chao, 1C Chen, Hong, 1C Chen, LinSen, 0X Chen, Miao, 1K Chen, Qian, 0Q Chen, TianYi, 0X Chen, Xiaomei, 14 Chen, Yong-Yi, 1C Chen, Yufang, 0J Chen, Yukang, 19, 1B Cheng, Junpin, 0N Deng, Yuqiang, 1M Donchenko, S., 1E Dong, Fengxin, 0D Du, Bao-lin, 12 Du, Ji-dong, 16 Du, Shengping, 04, 08 Erwei, Liang, 1D Fan, Bin, 18 Fan, Zhiheng, 15 Federici, John F., 11 Feng, Meigi, 1M Feng, Yun-song, 18 Fu, Jun, OF Gao, Tianle, OV Ge, Hong-yi, 1P Gu, Wenhua, 0V Guo, Hongyang, 04, 08 Guo, Liquan, OS Guo, Ming, 0T Guo, Pingping, 0Q Guo, Yizhe, 0V Han, Hongxiang, OF Han, Lei, 1A He, Kai, ON He, Tingyao, 1A Hu, Jie, 04, 08 Hu, Xiaowei, OV Hua, Denaxin, 1A Huang, Biyong, OM Huang, WenBin, OX Huang, Yonggang, Ol Ji, Muyao, OB, OM Jia, Jinsheng, OI, OL, 15 Jia, Peng, 1C

Jiang, Hao, 03 Jiang, Shanping, 10 Jiang, Yadong, OC, OP Jiang, Yu-ying, 1P Jiao, Peng, Ol Jin, Guangyong, 07 Jin, Min, 0G Khripunov, S., 1E Kobtsev, S., 1E Lai, Lei, OM Lan, Tian, 14 Li, GuLei, 17 Li, Guochao, 1G Li, Hong, OT Li, Jia, 0A Li, Junlin, 02 Li, Le, 18 Li, Lujie, 07 Li, Mei-Xuan, OT Li, Ming, 0G Li, Qing, 0L, 0U Li, Tiecheng, OB, OM Li, Weizhi, 0C Li, Xun, OH Li, Zhaofeng, 1K Li, Zheng, 1M Li, Zhongpu, 1H, 1L Lian, Fei-yu, 1P Lian, Jiao, OL, OU Lin, Fangsheng, OB, OM Liu, Aniin, OD Liu, Bo, OA Liu, Chang, OR, OU Liu, Hang, 07 Liu, Hongyuan, 1G Liu, Hui, OL, OR, OU Liu, JingYu, 17 Liu, Juan, 15 Liu, Pingping, 19, 1B Liu, Shulin, OR, OU Liu, YanHua, OX Ma, Jianjun, 11, 1J Ma, Liang, 11 Ma, Pijie, 0D Ma, Wenrui, 0A Ma, Ziteng, 1L Mei, Yu, 11 Mittleman, Daniel M., 11, 1J Moeller, Lothar, 11, 1J Ning, Yong-Qiang, 1C Palchikov, V., 1E

Pei, Shaoting, 09 Peng, Hongling, OE Peng, Weidong, 09 Qi, Zhiqiang, 13 Qian, Weixian, 0Q Qiao, Lingbo, 1F Qin, Li, 1C Radnatarov, D., 1E Ren, Xi, 04, 08 Salzenstein, Patrice, 05, 06 Shang, Liang, 1M Shen, Jinhua, OV Shi, Guo-Qiang, 11 Shi, Leibing, 0M Shi, Pan, Ol Shi, Xiaoxuan, OR Shi, Yu, OR, OU Shrestha, Rabi, 11, 1J Song, Puguang, 15 Sun, Chuanguo, 1H Sun, Guang-wei, 16 Sun, Hong-sheng, OZ Sun, Jiawen, 1L Sun, Qing, 1M Sun, Quanshe, OK Sun, Yong, OL, OU Sun, Yunchen, 1A Wang, Chen, OR, OU Wang, Chunshui, 17 Wang, Hailong, 03 Wang, Hengfei, OK Wang, Hongchao, 1G Wang, Hongxia, 03 Wang, Jia-peng, OZ, 16 Wang, Jia-peng, 12 Wang, Jiping, 0S Wang, Jun, OC, OP Wang, Li, 11 Wang, Li-Jun, 1C Wang, Min, 0J Wang, Peng, 1G Wang, Qianzhe, 09 Wang, Rong, 1J Wang, San-Sheng, 11 Wang, Sanzhao, OR Wang, Shaopu, 10 Wang, Tao, OH Wang, Xiya, 0V Wang, Ye, 17 Wang, Yingxin, 1F Wang, Yufeng, 1A Wang, Yuheng, 07 Wang, Yunxin, 19, 1B Wang, Zhi, 16 Wang, Ziye, 1F Wu, Bin, 1G Wu, Fei, 13 Wu, Guofang, 1P Wu, Hong-xia, 12 Wu, Ke-xuan, 16

Wu, Zhencong, OJ Xi, Yunqiao, 14 Xia, Ming, 0M Xiang, Meihua, 19, 1B Xiong, Daxi, OS Xu, Congyu, 1H Xu, Lei-jun, 1N Xu, Yingqiang, OE Xu, Zhijian, ON Yan, Baojun, OR, OU Yan, Wei, 1K Yang, Chengxiu, 09 Yang, Dengcai, 19, 1B Yang, Fuhua, 1K Yang, Jinqing, 0Q Yang, Ming, 0C Yang, Yanzhao, 1G Yin, Dejin, OB Yin, Peng-cheng, 1N Ying, Chengping, 1G Yu, Daojie, ON Yu, Haoyang, 15 Yu, Yang, 1F Yu, Yongji, 07 Zarubin, Mikhail, 06 Zeng, Liuwen, 1K Zhai, Si-ting, OZ Zhang, Bingqiang, Ol Zhang, Bolun, 10 Zhang, Dongyao, 0N Zhang, Jiawen, OR, OU Zhang, Lei, 0L, 0U, 15 Zhang, Liming, 02 Zhang, Lu, 02 Zhang, Peng, 1G Zhang, Shengzhou, 1H, 1L Zhang, Shu, 1L Zhang, Si-Qi, OT Zhang, Supeng, 03 Zhang, Wei, 1J Zhang, Xian, 0L, 0U, 15 Zhang, Yuan, 1P Zhang, Yu-guo, OZ Zhang, Yunpeng, OS Zhao, Dan, OZ Zhao, Facai, OK Zhao, Yao Yao, OX Zhao, Ziran, 1F Zhao, Ziyue, 00 Zheng, Wanhua, 0D, 0E Zheng, Xiangliang, OK Zhou, Changlin, ON Zhou, Dongzhan, OL, OU Zhou, Honaxi, OP Zhou, You, OU Zhu, Weifeng, 1H

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Introduction

AOPC 2019, the Annual Conference of Chinese Society of Optical Engineering (CSOE), was one of the largest academic and industrialization activities in the field of optical and optoelectronic technology in China. The Organizing Committee intended to build a potential platform together with academic exchanges, industry exhibitions, and cooperation negotiations in one. There were 11 technical conferences and 38 conference sessions, and we sincerely hope that the research and development of optoelectronic technology were promoted, and that international cooperation in industry and in the optical and optoelectronic fields were enhanced.

AOPC 2019 was sponsored by SPIE and 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) were the technical co-sponsors. There were also 48 Cooperative Organizations that supported the conference.

We received over 930 total contributions from more than 15 countries, including United States, United Kingdom, Germany, France, Spain, Australia, Canada, Mexico, Brazil, Japan, the Republic of Korea, Thailand, Singapore, the Russian Federation, China, and so on. There were 554 contributions published in SPIE Proceedings.

After careful discussion, we suggested four keynote speeches which were presented by famous scientists from Germany, Australia, Japan, and China. There were 110 excellent invited talks, 45 of them are from overseas, their inclusion represented a first-class level in the field of optics and photonics technology. On behalf of the Organizing Committee of AOPC, I express the thanks to all the invited speakers and authors for their contributions and supports to the conference.

Finally, on behalf of the Chairmen and the Organizing Committee of AOPC, I would like to heartily thank for our sponsors and Cooperating Organizations for all they have done for the conference, to all of the participants and friends for their interests and efforts in helping us to make the conference success. Also, thanks to the Program Committee for their effective work and valuable advice; especially the AOPC 2019 Secretariat and SPIE for their tireless effort and outstanding services in preparing the conference and publishing the Proceedings.

We are glad that AOPC 2019 had great success! Hope to see you next year!

Guofan Jin