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**Benkang Chang
Hui Guo**
Editors

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Contents

ix	Conference Committee
xi	Introduction

SESSION 1 LOW-LIGHT-LEVEL TECHNOLOGY AND APPLICATIONS

8912 03	Experimental study of all-weather NIR laser active imaging system [8912-2] L. Yang, Z. Gai, M. Liu, Shandong Academy of Sciences Institute of Oceanographic Instrumentation (China); J. Ba, Dongying Marine Oil Plant (China); J. Zhao, S. Chu, J. Yang, C. Lu, Y. Zhao, Shandong Academy of Sciences Institute of Oceanographic Instrumentation (China)
8912 04	Infrared simulation of 4-bar target for the static performance evaluation of thermal imaging system [8912-3] S. Han, P. Zhang, W. Hu, The 41st Institute of China Electronics Technology Group Corp. (China)
8912 05	Analysis of process parameters of micro fluid-jet polishing on the processing effect [8912-4] S. Wang, J. Liu, L. Zhang, Changchun Institute of Optics, Fine Mechanics and Physics (China)
8912 06	Research on the jamming mechanism for intense light bomb by antagonizing low-light level night-vision device [8912-5] J. Che, Z. Li, J. Zhang, People's Liberation Army (China)
8912 07	Influence of surfactant on aperture of photo-electro-chemical etching for silicon microchannel plate [8912-6] F. Yu, Q. Duanmu, Y. Zhang, Y. Liang, J. Chai, G. Wang, J. Yang, Changchun Univ. of Science and Technology (China)
8912 08	Development of thermal infrared imaging system [8912-7] X. Fan, F. Gu, F. Guo, Aviation Univ. of Air Force (China)
8912 09	Influences of temperature and etching voltage on the surface morphology of photo-electro-chemical etching for silicon microchannel arrays [8912-10] Y. Zhang, Q. Duanmu, F. Yu, Y. Liang, J. Chai, G. Wang, J. Yang, Changchun Univ. of Science and Technology (China)
8912 0A	Effect of ion barrier film on the noise characteristics of proximity focusing low-light-level image intensifier [8912-11] D. Song, Changchun Univ. of Science and Technology (China) and Science and Technology on Low-Light-Level Night Vision Lab. (China); C. Liu, X. Qin, S. Yu, K. Fu, Changchun Univ. of Science and Technology (China); X. Bai, Science and Technology on Low-Light-Level Night Vision Lab. (China); X. Wang, Y. Li, Q. Duanmu, Changchun Univ. of Science and Technology (China)

- 8912 0B **Influences of temperature and concentrations on morphology of TMAH anisotropic etching for silicon microchannel plate** [8912-12]
Y. Liang, Q. Duanmu, J. Yang, G. Wang, J. Chai, F. Yu, Y. Zhang, S. Fan, Changchun Univ. of Science and Technology (China)
- 8912 0C **Several high speed multiplier theory for low-light-level technology** [8912-16]
X. Li, L. Zhang, H. Xiao, J. Zhao, Chongqing Univ. (China)
- 8912 0D **Method of anti-blooming in measurement of low-light-level television** [8912-23]
J. Zhu, X. Liu, P. Zhang, F. Hao, S. Zhang, Jiangsu North Hogon Co. Ltd. (China)
- 8912 0E **Influence of range-gated intensifiers on underwater imaging system SNR** [8912-25]
X. Wang, Science and Technology on Low-Light-Level Night Vision Lab. (China) and Beijing Institute of Technology (China); L. Hu, Beijing Institute of Technology (China); Q. Zhi, Science and Technology on Low-Light-Level Night Vision Lab. (China); Z. Chen, W. Jin, Beijing Institute of Technology (China)
- 8912 0F **ROIC for HgCdTe e-APD FPA** [8912-26]
G. Chen, Shanghai Institute of Technical Physics (China) and Univ. of Chinese Academy of Sciences (China); J. Zhang, Shanghai Institute of Technical Physics (China); P. Wang, J. Zhou, L. Gao, Shanghai Institute of Technical Physics (China) and Univ. of Chinese Academy of Sciences (China); R. Ding, Shanghai Institute of Technical Physics (China)
- 8912 0G **Monte Carlo simulations on particle transmission characteristics of BN ion barrier films** [8912-29]
B. Sun, S. Fu, Science and Technology on Low-Light-Level Night Vision Lab. (China) and Changchun Univ. of Science and Technology (China); X. Xie, Changchun Univ. of Science and Technology (China); L. Feng, G. Jiao, Science and Technology on Low-Light-Level Night Vision Lab. (China); Q. Duanmu, Changchun Univ. of Science and Technology (China)
- 8912 0H **Development of photocathode and device of near-shortwave infrared extension** [8912-31]
M. Luo, T. Bai, Beijing Institute of Technology (China); H. Guo, Science and Technology on Low-Light-Level Night Vision Lab. (China)
- 8912 0I **A fast moving objects detection algorithm based on motion estimation** [8912-34]
Z. Li, C. Yu, S. Xie, Xidian Univ. (China)
- 8912 0J **Research on silicon microchannel array oxidation insulation technology and stress issues** [8912-35]
J. Chai, M. Li, Y. Liang, J. Yang, G. Wang, Q. Duanmu, Changchun Univ. of Science and Technology (China)
- 8912 0K **Analysis and simulation of remote sensor radiance under dawn-dusk illumination conditions** [8912-37]
H. Li, P. Xu, Y. Wang, Beijing Institute of Space Mechanics and Electricity (China)
- 8912 0L **High illumination resolution test of low-light-level image intensifier** [8912-40]
X. Bai, L. Yin, Y. Zhu, Y. He, Z. Miao, W. Hu, Z. Hou, H. Shi, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)

- 8912 0N **Characterization study of native oxides on GaAs(100) surface by XPS** [8912-42]
L. Feng, L. Zhang, H. Liu, X. Gao, Z. Miao, H. Cheng, L. Wang, S. Niu, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 0O **Study on electron scrubbing methods of Cs₂Te ultraviolet double-MCP image intensifiers** [8912-43]
H. Liu, L. Feng, L. Zhang, X. Gao, Z. Miao, S. Niu, L. Wang, X. Zhang, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 0P **Simulations on the electron back-scattering characteristics of ion barrier film** [8912-45]
S. Fu, B. Sun, Science and Technology on Low-Light-Level Night Vision Lab. (China) and Changchun Univ. of Science and Technology (China); Q. Wang, Changchun Univ. of Science and Technology (China); G. Jiao, L. Feng, Science and Technology on Low-Light-Level Night Vision Lab. (China); Y. Li, Changchun Univ. of Science and Technology (China)
- 8912 0Q **Measurement conditions study on MCP current gain of the third generation low-light-level image intensifier tube** [8912-46]
L. Yin, X. Bai, L. Feng, Y. He, X. Gao, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 0R **Analysis of first proximity voltage on the property of GEN III image intensifier** [8912-48]
N. Zhang, Y. Zhu, D. Li, J. Nie, T. Zhang, X. Liu, Z. Liu, W. Cheng, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China); L. Fu, North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 0S **Research on detectable threshold of double MCP ultraviolet image intensifier tube** [8912-52]
H. Cheng, Changchun Univ. of Science and Technology (China) and Science and Technology on Low-Light-Level Night Vision Lab. (China); Q. Duanmu, Changchun Univ. of Science and Technology (China); F. Shi, H. Shi, H. Liu, L. Feng, Y. He, Z. Hou, L. Yan, Science and Technology on Low-Light-Level Night Vision Lab. (China); L. Ren, Nanjing Univ. of Science and Technology (China)
- 8912 0T **Optical testing of cylindrical surfaces with computer-generated holograms** [8912-53]
W. Wang, P. Guo, Soochow Univ. (China)
- 8912 0U **Study of infrared point source simulator for generating the multi-decoy** [8912-54]
C. Zeng, D. Yang, J. Su, Y. Huang, Z. Wang, Beijing Institute of Tracking and Telecommunications Technology (China)
- 8912 0V **Research of data retention in EEPROM cells** [8912-55]
W. Cheng, N. Zhang, C. Hu, G. Jiao, Z. Miao, L. Fu, F. Liu, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)

- 8912 0W **Research on mechanical shock impact of GaAs photocathode photoemission performance** [8912-57]
F. Shi, H. Cheng, X. Bai, L. Yan, G. Jiao, Science and Technology on Low-Light-Level Night Vision Lab. (China)
- 8912 0X **Night vision image fusion for target detection with improved 2D maximum entropy segmentation** [8912-58]
L. Bai, Y. Liu, J. Yue, Y. Zhang, Nanjing Univ. of Science and Technology (China)
- 8912 0Y **Function and its significance of screen luminous efficiency curve** [8912-60]
Z.-L. Liu, T.-M. Zhang, N. Zhang, J. Nie, H.-P. Hu, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China); Y. Liu, Xi'an Advanced Control Technologies Research Institute (China)
- 8912 0Z **Technology discussion of reducing the equivalent background illumination of Gen III Image Intensifier** [8912-62]
Y. Zhu, N. Zhang, D. Li, J. Nie, T. Zhang, X. Liu, Z. Liu, L. Fu, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 10 **Auto-gated power supply for low-light level image intensifier** [8912-63]
Y. Yang, Q. Zhi, B. Yan, Z. Yao, J. Li, Y. Wang, X. Ni, L. Fu, G. Deng, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 11 **Study on the faint star extraction technology with MEMS gyro aided APS star tracker** [8912-70]
F. Xing, B. Zhao, T. Sun, Tsinghua Univ. (China); W. Xu, Changchun Institute of Optics, Fine Mechanics and Physics (China); Z. You, Tsinghua Univ. (China)
- 8912 12 **Research on calculation of cathode electron scattering radius in the generation III image intensifier** [8912-71]
Y. Cheng, F. Shi, L. Yan, Z. Hou, H. Shi, F. Liu, M. Li, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 13 **Mechanism analysis of Gen III LLL image intensifier GaAs cathode photoelectric emission disability** [8912-72]
J. Xu, L. Yan, Y. Cheng, K. Han, B. Liu, T. Zhang, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 14 **Wet etching of AlGaIn/GaN photocathode grown by MOCVD** [8912-73]
G. Hao, Science and Technology on Low-Light-Level Night Vision Lab. (China) and Nanjing Univ. of Science and Technology (China); B. Chang, Nanjing Univ. of Science and Technology (China); H. Cheng, Science and Technology on Low-Light-Level Night Vision Lab. (China)

- 8912 15 **Analysis of the development and the prospects about vehicular infrared night vision system** [8912-74]
J. Li, H. Fan, Z. Xie, X. Zhou, H. Yu, H. Huang, North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 16 **InGaAs/InP photocathode grown by solid-source MBE** [8912-78]
G. Jiao, Science and Technology on Low-Light-Level Night Vision Lab. (China), Northwestern Polytechnical Univ. (China), and North Night-Vision Science & Technology Group Corp., Ltd. (China); X. Xu, L. Zhang, S. Wang, C. Peng, W. Cheng, C. Hu, Y. Zhou, C. Feng, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 17 **Calculation of integral photoluminescence for the GaAs photocathode bonding assembly** [8912-79]
C. Feng, G. Jiao, W. Cheng, C. Peng, Z. Miao, Science and Technology on Low-Light-Level Night Vision Lab. (China) and North Night-Vision Science & Technology Group Co., Ltd. (China)
- 8912 18 **Theoretical study on balanced homodyne detection technique in preparation of squeezed states of light** [8912-80]
W. Qu, F. Feng, Xi'an Institute of Optics and Precision Mechanics (China) and Univ. of Chinese Academy of Sciences (China); J. Song, T. Zhang, Xi'an Institute of Optics and Precision Mechanics (China)
- 8912 19 **Application status and development trend of infrared imaging system** [8912-81]
W. Zhang, Y. Shi, R. Hu, Y. Zeng, M. Yan, Kunming Institute of Physics (China)
- 8912 1A **Design for transmissive differential image motion seeing monitor system** [8912-85]
L. Jiang, X. Zhao, S. F. Tong, Changchun Univ. of Science and Technology (China); L. Wang, 709 Institute of China Shipbuilding Industry Corp. (China)
- 8912 1B **Readout design for 1×64 quantum dot-in-well photodetector array based on wide dynamic range** [8912-86]
X. Liu, F. Guo, East China Normal Univ. (China)
- 8912 1C **A high detection probability method for Gm-APD photon counting laser radar** [8912-87]
Z. Zhang, Y. Zhao, Y. Zhang, L. Wu, Harbin Institute of Technology (China); J. Su, Tianjin Jinhang Institute of Technology Physics (China)
- 8912 1D **Comparison of resolution characteristics between exponential-doping and uniform-doping GaN photocathodes** [8912-89]
H. Wang, Y. Qian, Nanjing Univ. of Science and Technology (China); L. Lu, CNGC North Laser Technology Group Co., Ltd. (China); H. Cheng, Science and Technology on Low-Light-Level Night Vision Lab. (China); B. Chang, Nanjing Univ. of Science and Technology (China)
- 8912 1E **The research of relay lens coupling in image intensified camera** [8912-91]
X. Sun, B. Hu, C. Zou, Q. Bai, L. Wang, Xi'an Institute of Optics and Precision Mechanics (China)

- 8912 1F **The performance evaluation software for LLL imaging system** [8912-93]
F. Zhang, J. Gao, Y. Li, Xi'an Institute of Applied Optics (China)
- 8912 1G **A study on the application of ICCD in low light level remote sensing** [8912-95]
Z. Bai, J. Zhang, X. Fan, W. Yang, Xi'an Institute of Optics and Precision Mechanics (China)
- 8912 1H **The application of auto-gated power supply in ICCD camera** [8912-96]
Z. Bai, J. Zhang, X. Fan, Xi'an Institute of Optics and Precision Mechanics (China); S. Xiang, Xi'an Institute of Applied Optics (China)
- 8912 1I **Design of measurement system for low illuminance CCD's key performance parameters** [8912-98]
X. Shao, J. Du, Y. Wang, Xidian Univ. (China)
- 8912 1J **Study of uniform dot array beam produced by Airy beam** [8912-100]
T. Fan, Beijing Language and Culture Univ. (China); J. Xu, Beijing Institute of Technology (China)

Author Index

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Introduction

We have had the great honor of organizing the Fifth International Symposium on Photoelectronic Detection and Imaging (ISPD1) in Beijing. It was truly a great pleasure for us to greet the more than 1,200 participants from many different countries attending ISPD1 2013! I firmly believe that the symposium will become an important international event in the field of photoelectronic detection and imaging technology.

ISPD1 2013 was sponsored by SPIE, The Optical Society, European Optical Society, and the Chinese Society of Astronautics, and was organized by the Photoelectronic Technology Committee, Chinese Society of Astronautics, Tianjin Jinhang Institute of Technical Physics, Science and Technology on Low Light Level Night Vision Laboratory, Science and Technology on Optical Radiation Lab. and Science and Technology on Electromagnetic Scattering Lab. There were 26 cooperating organizations that supported the meeting. Nearly 850 papers were accepted for presentation at ISPD1 2013, contributed by over 1,370 authors from more than 10 countries, including the United States, United Kingdom, Germany, France, Norway, Australia, Canada, Japan, Korea, Russia, China, and so on. We had seven plenary speeches and 135 famous scientists and experts from home and abroad to present the invited talks at 10 different conferences.

The purpose of ISPD1 2013 is to provide a forum for the participants to report and review the innovative ideas and up-to-date progress and developments, and discuss the novel approaches to applications in the field of photoelectronic detection and imaging. It is sincerely hoped that the research and developments in optical and photoelectronic fields will be promoted, and that international cooperation and the sharing of common interests will be enhanced.

On behalf of Prof. Konstantin Vodopyanov, and the other conference chairs, and the Organization Committee of ISPD1, I would like to heartily thank our sponsors and cooperating organizations for all they have done for the meeting. Thanks also to all the authors for their contributions to the proceedings, to all of the participants and friends for their interest and efforts in helping us make the symposium possible, to the Program Committee for their effective work and valuable advice, and especially the ISPD1 2013 Secretariat and the SPIE staff for their tireless effort and outstanding service in preparing the meeting and publishing the conference proceedings.

Guofan Jin