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Photonic Fiber and Crystal Devices: Advances in Materials and Innovations in Device Applications VII

Shizhuo Yin
Ruyan Guo
Editors

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Contents

ix	<i>Conference Committee</i>
xi	<i>Introduction</i>

SESSION 1 ADVANCES IN PHOTONIC CRYSTALS AND MATERIALS

- 8847 02 **Double pulse laser deposition of polymer nanocomposite: NaYF₄:Tm³⁺,Yb³⁺ films for optical sensors and light emitting applications (Invited Paper)** [8847-1]
A. M. Darwish, S. Wilson, Dillard Univ. (United States); S. Sarkisov, SSS Optical Technologies (United States); D. Patel, Oakwood Univ. (United States)
- 8847 03 **Improved SiPM device performance by introduction of a new manufacturing technology** [8847-2]
C. Dietzinger, T. Ganka, Univ. der Bundeswehr München (Germany); A. Márquez Seco, N. Miyakawa, P. Iskra, F. Wiest, KETEK GmbH (Germany)
- 8847 04 **Colorless chalco-halide Ga₂S₃-GeS₂-CsCl glasses as new optical material** [8847-3]
Y. Ledemi, M. El-Amraoui, COPL, Univ. Laval (Canada); L. Calvez, X.-H. Zhang, B. Bureau, Institut des Sciences Chimiques de Rennes, CNRS, Univ. de Rennes 1 (France); Y. Messaddeq, COPL, Univ. Laval (Canada)
- 8847 05 **Real time evolution of antimony deposition for high performance alkali photocathode development** [8847-4]
J. Xie, M. Demarteau, R. Wagner, E. May, J. Zhang, Argonne National Lab. (United States); M. Ruiz-Oses, X. Liang, I. Ben-Zvi, Stony Brook Univ. (United States); K. Attenkofer, Brookhaven National Lab. (United States); S. Schubert, Brookhaven National Lab. (United States) and Helmholtz-Zentrum Berlin (Germany); J. Smedley, Brookhaven National Lab. (United States); J. Wong, H. Padmore, Lawrence Berkeley National Lab. (United States)
- 8847 06 **Analysis of the refractive index and film thickness of Eu doped gadolinium oxide (Gd₂O₃) planar waveguides fabricated by the sol-gel and dip coating methods** [8847-5]
Q. S. Johnson, M. Edwards, M. Curley, Alabama A&M Univ. (United States)
- 8847 07 **Organic octagonal quasicrystal microcavity lasers based conjugated-polymer material with ultralow refractive-index** [8847-6]
X. Chen, G. Yang, F. Song, Y. Wang, Minzu Univ. of China (China)

SESSION 2 SPECIAL SESSION ON PHOTOREFRACTIVITY AND ITS APPLICATIONS IN HONOR OF DR. NICKOLAI KUKHTAREV

- 8847 0A **Enhanced gain dynamics in photorefractive polymers (Invited Paper)** [8847-10]
C. M. Liebig, S. Basun, Air Force Research Lab. (United States) and Azimuth Corp. (United States); S. S. Buller, D. R. Evans, Air Force Research Lab. (United States); P. P. Banerjee, Univ. of Dayton (United States); P. A. Blanche, C. W. Christenson, N. Peyghambarian, College of Optical Sciences, The Univ. of Arizona (United States); J. Thomas, CREOL, The College of Optics and Photonics, Univ. of Central Florida (United States)
- 8847 0B **Contribution of diffusion and photovoltaic effect to self-pumped reflection gratings in photorefractive lithium niobate** [8847-11]
R. Aylo, Catholic Univ. of America (United States); P. P. Banerjee, Univ. of Dayton (United States) and Air Force Research Lab. (United States); S. A. Basun, Air Force Research Lab. (United States) and Azimuth Corp. (United States); D. R. Evans, Air Force Research Lab. (United States)
- 8847 0D **Crosstalk analysis of multilayer collinear volume holographic data storage (Invited Paper)** [8847-13]
J. Liu, L. Cao, C. Li, J. Li, Q. He, G. Jin, Tsinghua Univ. (China)
- 8847 0F **Compact crystal accelerator-undulator based on fringing E-field super lattice (Invited Paper)** [8847-15]
N. Kukhtarev, T. Kukhtareva, Alabama A&M Univ. (United States)
- 8847 0G **Laser-induced 2D periodic structures of charged particles concentration in semiconductor under the condition of optical bistability existence** [8847-16]
V. A. Trofimov, M. M. Loginova, V. A. Egorenkov, Lomonosov Moscow State Univ. (Russian Federation)
- 8847 0H **All-normal dispersion photonic crystal fiber for parabolic pulses and supercontinuum generation** [8847-17]
I. A. Sukhoivanov, J. A. Andrade Lucio, O. V. Shulika, Univ. de Guanajuato (Mexico); S. O. Iakushev, Kharkov National Univ. of Radio Electronics (Ukraine); A. Barrientos García, Univ. de Guanajuato (Mexico); G. Ramos-Ortiz, Ctr. de Investigaciones en Óptica, A.C. (Mexico); I. V. Guryev, O. G. Ibarra Manzano, A. Garcia Perez, Univ. de Guanajuato (Mexico)

SESSION 3 INNOVATIONS IN DEVICES AND APPLICATIONS I

- 8847 0I **Side illuminated optical fiber as a multiplexing element for spectroscopic systems (Invited Paper)** [8847-18]
C. O. Egalon, Science & Sensors Technologies (United States), Los Angeles Harbor College (United States), and Los Angeles Harbor College Physics Club (United States); M. P. Matta, D. C. Lavezzari, R. Y. Insley, C. C. Jaring, M. F. Quiday, Los Angeles Harbor College (United States) and Los Angeles Harbor College Physics Club (United States)
- 8847 0J **Frequency doubled high-power semiconductor disk lasers for stereo projection and ion traps** [8847-19]
A. Hein, S. Menzel, A. Ziegler, R. Rösch, P. Unger, Ulm Univ. (Germany)

- 8847 OK **Design of the optical concentrator using holographic techniques for solar cells** [8847-20]
W.-H. Su, B.-H. Tseng, W.-T. Chen, National Sun Yat-Sen Univ. (Taiwan)
- 8847 OL **Broadband large field of view electro-optic modulators using potassium tantalate niobate (KTN) crystals** [8847-21]
Y.-C. Chang, S. Yin, The Pennsylvania State Univ. (United States); R. C. Hoffman, A. G. Mott, U.S. Army Research Lab. (United States)
- 8847 ON **Full-vectorial FDTD method for the dispersion characterization of nonlinear PhC fibers** [8847-23]
I. Guryev, I. Sukhoivanov, J. A. Andrade Lucio, E. Vargas Rodriguez, D. C. Gonzalez, R. I. Mata Chavez, O. Shulika, Univ. de Guanajuato (Mexico)
- 8847 OO **Phase-shift formed in a tapered long period fiber grating and its application to simultaneous measurements of temperature and refractive-index (Invited Paper)** [8847-24]
K. Hishiki, H. Li, Shizuoka Univ. (Japan)
- 8847 OP **Intra-cavity index sensor based on ytterbium-doped photonic crystal fiber** [8847-25]
Y. Lu, C. Hao, L. Duan, B. Wu, M. Mayilamu, J. Yao, Tianjin Univ. (China)
- 8847 OQ **Piezoelectric resonance calorimetry of nonlinear-optical crystals under laser irradiation** [8847-26]
O. A. Ryabushkin, A. V. Konyashkin, D. V. Myasnikov, NTO IRE-Polus (Russian Federation) and Moscow Institute of Physics and Technology (Russian Federation); V. A. Tyrtshnyy, NTO IRE-Polus (Russian Federation); O. I. Vershinin, NTO IRE-Polus (Russian Federation) and Moscow Institute of Physics and Technology (Russian Federation)

SESSION 4 INNOVATIONS IN DEVICES AND APPLICATIONS II

- 8847 OS **Active gating as a method to inhibit the crosstalk of single photon avalanche diodes in a shared well (Invited Paper)** [8847-28]
A. Vilà, E. Vilella, A. Montiel, O. Alonso, A. Dieguez, Univ. de Barcelona (Spain)
- 8847 OT **Fabrication of nanostructures on curved surfaces** [8847-29]
S. Yin, The Pennsylvania State Univ. (United States); P. Ruffin, C. Brantley, E. Edwards, U.S. Army Research, Development and Engineering Command (United States); C. Luo, General Opto Solutions, LLC (United States)
- 8847 OU **Torsion sensor using a Mach-Zehnder interferometer** [8847-30]
D. Toral-Acosta, Univ. Autónoma de Nuevo León (Mexico); J. M. Sierra Hernández, D. Jauregui-Vazquez, Univ. de Guanajuato (Mexico); A. Castillo-Guzmán, Univ. Autónoma de Nuevo León (Mexico); R. Rojas-Laguna, J. M. Estudillo-Ayala, Univ. de Guanajuato (Mexico); R. Selvas-Aguilar, Univ. Autónoma de Nuevo León (Mexico)
- 8847 OX **Design of photonic crystal architecture for optical logic AND gates** [8847-33]
P. Rani, Y. Kalra, R. K. Sinha, Delhi Technological Univ. (India)
- 8847 OY **Tiering effect of solid-core photonic crystal fiber on controlled coupling into multimode fiber** [8847-34]
A. Amphawan, Univ. Utara Malaysia (Malaysia) and Massachusetts Institute of Technology (United States); N. M. A. Al Samman, Univ. Utara Malaysia (Malaysia)

- 8847 10 **Ultrafast transient characteristics of photoconductive elements for optical wireless communications** [8847-36]
X. Jin, C. M. Collier, J. J. A. Garbowski, B. Born, J. F. Holzman, The Univ. of British Columbia (Canada)
- 8847 11 **Equivalent temperature of nonuniformly heated nonlinear-optical crystals in course of laser radiation frequency conversion** [8847-37]
O. A. Ryabushkin, A. V. Konyashkin, D. V. Myasnikov, NTO IRE-Polus (Russian Federation) and Moscow Institute of Physics and Technology (Russian Federation); V. A. Tyrtshnyy, NTO IRE-Polus (Russian Federation); A. I. Baranov, NTO IRE-Polus (Russian Federation) and Moscow Institute of Physics and Technology (Russian Federation)

POSTER SESSION

- 8847 13 **Mach-Zehnder interferometer in a rod-type photonic crystal** [8847-38]
M. Liu, H. Yi, Z. Zhang, W. Lv, M. Yun, Qingdao Univ. (China)
- 8847 14 **Focusing on the graded negative index flat by annular photonic crystal** [8847-39]
F. Xia, M. Wang, M. Liu, W. Lv, Z. Zhang, M. Yun, Qingdao Univ. (China)
- 8847 15 **Optimization of high fixed diffraction efficiency in LiNbO₃:Ce:Cu using optimal switching from recording to fixing** [8847-40]
P. Hou, Y. Zhi, J. Sun, Y. Zhou, L. Wang, W. Lu, L. Liu, Shanghai Institute of Optics and Fine Mechanics (China)
- 8847 16 **High speed and low side lobe optical phased array steering by phase correction technique** [8847-41]
Y. Jin, A. Yan, Z. Hu, Z. Zhao, W. Shi, Shanghai Normal Univ. (China)
- 8847 17 **Group delay properties of linear chirped Gaussian pulse diffracted by volume gratings** [8847-42]
H. Chen, A. Yan, Z. Hu, W. Shi, Y. Jin, C. Lv, Shanghai Normal Univ. (China)
- 8847 18 **Performance analysis of electrochromic coloration efficiency by the oxygen deficiency in the sputtering a-WO_x films** [8847-43]
J.-J. Ho, National Taiwan Ocean Univ. (Taiwan); J.-S. Ho, Univ. of California, Los Angeles (United States); S.-S. Wang, China Univ. of Science and Technology (China); K. L. Wang, Univ. of California, Los Angeles (United States)
- 8847 1B **Effect of light intensity on quasi-nonvolatile holography in doubly doped LiNbO₃:Fe:Ru crystal** [8847-46]
Z. Chai, East China Normal Univ. (China); Y. Zhi, Shanghai Institute of Optics and Fine Mechanics (China); D. Bao, Y. Chen, Q. Zhao, East China Normal Univ. (China)
- 8847 1C **Density of modes maps for design of the photonic crystal devices** [8847-47]
I. Guryev, I. Sukhoivanov, J. A. Andrade Lucio, O. G. Ibarra Manzano, Univ. de Guanajuato (Mexico)

- 8847 1F **Dynamic characteristics of two-dimensional finite boundary photorefractive gratings recording and fixing in LiNbO₃:Fe crystals** [8847-50]
C. Lv, Z. Hu, A. Yan, Y. Jin, H. Chen, Shanghai Normal Univ. (China); J. Sun, Shanghai Institute of Optics and Fine Mechanics (China)
- 8847 1H **Multipoint side illuminated absorption based optical fiber sensor for relative humidity** [8847-52]
C. O. Egalon, Science & Sensors Technologies (United States) and Los Angeles Harbor College (United States)
- 8847 1I **Flat optical lens by use of 90-degree volume holographic grating recording geometry and nonvolatile thermal fixing in LiNbO₃:Fe crystal** [8847-53]
Y. Zhi, Shanghai Institute of Optics and Fine Mechanics (China); Z. Chai, East China Normal Univ. (China); Y. Zhu, Zhejiang Univ. of Science and Technology (China); P. Hou, J. Sun, Y. Zhou, L. Liu, Shanghai Institute of Optics and Fine Mechanics (China)
- 8847 1J **Holographically amplified interferometry with coherent fringe projection for the oil on the water remote sensing and characterization** [8847-54]
N. V. Kukhtarev, T. V. Kukhtareva, Alabama A&M Univ. (United States); A. Chirita, Univ. de Stat din Moldova (Moldova)
- 8847 1K **3D shape measurements for non-diffusive objects using fringe projection techniques** [8847-55]
W.-H. Su, B.-H. Tseng, National Sun Yat-Sen Univ. (Taiwan); N.-J. Cheng, National Kaohsiung Univ. of Applied Sciences (Taiwan)
- 8847 1L **Using a projected fringe pattern to identify the focused image and its application to 3D shape measurements** [8847-56]
N.-J. Cheng, National Kaohsiung Univ. of Applied Sciences (Taiwan); W.-H. Su, National Sun Yat-Sen Univ. (Taiwan)
- 8847 1M **Plasmon-active mixed gratings in volume holographic polymeric nanocomposites** [8847-57]
C. Li, L. Cao, Y. Yi, Q. He, G. Jin, Tsinghua Univ. (China)
- 8847 1N **Time domain modeling of induced birefringence and phase shift in piezoelectric resonance enhanced electro-optic modulators** [8847-58]
R. McIntosh, A. Bhalla, R. Guo, The Univ. of Texas at San Antonio (United States)
- 8847 1O **A simple optical probing technique for nonlinearly induced refractive index** [8847-59]
P. Banerjee, U. Abeywickrema, Univ. of Dayton (United States)
- 8847 1P **Large-core single-mode trench assisted leaky channel waveguide for high-power applications** [8847-60]
V. Dahiya, T. S. Saini, A. Kumar, Delhi Technological Univ. (India); V. Rastogi, Indian Institute of Technology Roorkee (India); R. K. Sinha, Delhi Technological Univ. (India)
- 8847 1Q **Selectively filled large-mode-area photonic crystal fiber for high power applications** [8847-61]
T. S. Saini, A. Kumar, Delhi Technological Univ. (India); V. Rastogi, Indian Institute of Technology Roorkee (India); R. K. Sinha, Delhi Technological Univ. (India)

- 8847 1R **Ferroelectric memory element based on thin film field effect transistor** [8847-62]
A. R. Poghosyan, N. R. Aghamalyan, E. Y. Elbakyan, Institute for Physical Research (Armenia); R. Guo, The Univ. of Texas at San Antonio (United States); R. K. Hovsepyan, Institute for Physical Research (Armenia)
- 8847 1S **Electronic phase transitions in transparent zinc oxide thin films** [8847-63]
A. R. Poghosyan, N. R. Aghamalyan, Institute for Physical Research (Armenia); R. Guo, The Univ. of Texas at San Antonio (United States); Y. A. Kafadaryan, R. K. Hovsepyan, S. I. Petrosyan, Institute for Physical Research (Armenia)
- 8847 1T **Tomographic study of polymer bridges between two optical fibers for telecommunication applications** [8847-64]
M. Dudek, M. Kujawińska, A. Michalska, Warsaw Univ. of Technology (Poland); H. Ottevaere, Vrije Univ. Brussel (Belgium); V. Parat, G. Baethge, B. Dahmani, LovaLite (France)
- 8847 1U **In addition of acousto-optic devices' piezoelectric transducers design issue** [8847-65]
R. A. Khansuvarov, O. V. Shakin, St. Petersburg State Univ. of Aerospace Instrumentation (Russian Federation)

Author Index

Conference Committee

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- 1 Advances in Photonic Crystals and Materials
Ruyan Guo, The University of Texas at San Antonio (United States)
Abdalla M. Darwish, Dillard University (United States)
- 2 Special Session on Photorefractivity and its Applications in honor of Dr. Nickolai Kukhtarev
Partha P. Banerjee, University of Dayton (United States)
Sergei F. Lyuksyutov, The University of Akron (United States)
- 3 Innovations in Devices and Applications I
Wei-Hung Su, National Sun Yat-Sen University (Taiwan)
Ching-Cherng Sun, National Central University (Taiwan)

- 4 Innovations in Devices and Applications II
 - Shizhuo Yin**, The Pennsylvania State University (United States)
 - Paul B. Ruffin**, U.S. Army Aviation & Missile Research, Development & Engineering Center (United States)

Introduction

As co-editors of the Proceedings of SPIE Volume 8847 and on behalf of the conference program committee, we are pleased to present the proceedings from the conference on Photonic Fibers and Crystal Devices: Advances in Materials and Innovations in Device Applications VII. The conference focused on the latest achievements on both photonic materials and device technologies that lead to advances in areas such as communication, sensing, data storage, display, biomedical, and defense applications. A total of 54 papers were presented at the conference, among which 50 papers are included in this volume.

This year's conference was held in honor of Dr. Francis T.S. Yu (pictured below fourth from left, front row), Evan Pugh Professor Emeritus of the Pennsylvania State University, in recognition of Professor Yu's distinguished life achievement in optical engineering with broad research focuses encompassing electro-optics, optical signal processing, neural networks, holography and information theory. Professor Yu is a SPIE Fellow and the recipient of the 2004 SPIE Dennis Gabor Award.

The conference hosted a special event honoring Professor Yu. SPIE 2013 President, William H. Arnold, presented Professor Yu with a SPIE Certification, "In recognition and appreciation of valued services and contribution as the founding chair of Conferences on Photorefractive Fiber and Crystal Devices since 1988."

Dr. Nickolai Kukhtarev (second from left, front row) of Alabama A&M University also received SPIE Certification "In recognition for outstanding contributions to the photorefractive effect." A special session on Photorefractivity and Related Applications was held during the 2013 SPIE Conference, in honor of Dr. Kukhtarev.



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