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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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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.

Shizhuo Yin
Ruyan Guo