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Anand K. Asundi
Yu Fu
Editors

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Introduction

The third conference of the Optics and Photonics Society of Singapore — the International Conference on Optical in Photonic Engineering (icOPEN2015) — was successfully held 14–16 April 2015 at Singapore Expo. The conference was colocated with the MTA2015 Exhibition a leading exhibition in precision engineering in the region with over 500 exhibitors from 31 countries. This event featured technologies related to metrology, machine tools and tooling systems. It focused on high–value manufacturing capabilities in aerospace, oil & gas, medical technology, and complex equipment. The conference was attended by 172 delegates from 15 countries including students, academicians and company researchers.

Optical and photonic engineering are increasingly becoming mainstream providing new solutions to complex problems in various sectors from biomedical to semiconductors, space optics to ultrafast applications, from dimensional metrology to 3D imaging, display and measurement, from fiber optics to image processing and computer vision and optical design, and the manufacturing and testing of complex freeform for improved imaging and illumination systems. This diversity was made possible by our conference and session chairs. 3D Imaging, Display and Measurement, chaired by Huijie Zhao, and Optical Design Manufacturing and Testing chaired by Shanyong Wang and Chunyu Zhao attracted the majority of papers.

There were four plenary speakers who spoke on topics ranging from freeform optics to space optics, to ultrafast metrology and biomedical optics. In addition, the 40 odd invited speakers provide a broad spectrum of topics with both research and applications driven themes. The poster sessions as well as the individual themed oral presentations were well attended until the end of the conference, and good interaction in the question and answer session made these talks interesting and informative.

We take this opportunity to thank all speakers and authors for contributing to the success of the conference, to members of the organizing committee for their assistance and enthusiastic support, to the session chairs, to our sponsors, and to the staff of Singapore Exhibition Services Pte Ltd. for ensuring the efficient execution of the conference program.

Anand K. Asundi
Yu Fu