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Aulia Nasution
Agus Muhammad Hatta
Editors

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Introduction

We were happy for the opportunity to warmly welcome all of the participants of the Third International Seminar on Photonics, Optics, and Its Applications (ISPhOA) 2018, held 1–2 August 2018, in Surabaya, Indonesia.

We were delighted that after the previous ISPhOA conferences, which were both organized in Bali, the Department of Engineering Physics of the Institut Teknologi Bandung (Indonesia) was able to hold and organize this biennial scientific meeting for the third time in 2018. We were happy that this scientific event attracted renowned speakers, as well as many participants from the ASEAN region and other countries. On behalf of the Department of Engineering Physics and all committee members of the Third International Seminar on Photonics, Optics, and its Applications (ISPhOA) 2018, we are honored and privileged to give thanks for all meaningful contributions and support.

This scientific forum was dedicated to providing a venue for discussions, sharing of expertise, and encouraging networking among stakeholders from universities, research and development centers, industries, and government officials actively involved in the development of optics and photonics. It was also designed to promote the transfer of research and development outcomes into applications that fill societal and industrial needs, particularly ones nationwide and across ASEAN regions.

Light plays a vital role in our daily lives and is an imperative cross-cutting discipline of science in the 21st century. Optics, photonics, and their applied light-based technologies have promoted sustainable developments and provided solutions to global challenges in energy, education, agriculture and health, revolutionized medical cares, opened up international communication via the Internet, and continued to be central to link the cultural, economic, and political aspects of the global society. UNESCO even declared 16 May as the International Day of Light, to yearly commemorate its important contributions to many aspects of human life.

I would like to thank to our all distinguished plenary speakers who agreed to accept our invitation to share their novel and recent research achievements and expertise with seminar attendees.

Thanks also for the researchers and academicians who contributed their working papers to be shared and presented in the seminar forum. Appreciation is also dedicated to the members of the Technical Committee who helped review and

choose the submitted contributions to fulfill the scientific quality standards that were set for the seminar.

We appreciate all of the company and society sponsors who gave their valuable support to the successful organization of the seminar. Last, but not least, many thanks to the Institut Teknologi Sepuluh Nopember (Indonesia), the Faculty of Industrial Technology and the Department of Engineering Physics of the Institut Teknologi Bandung (Indonesia) for their endless support in facilitation and organization of the seminar.

We are looking forward to your contribution to the Fourth International Seminar on Photonics, Optics, and Its Applications (ISPhOA) in 2020.

Aulia Nasution