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**Aulia Nasution
Agus Muhammad Hatta**
Editors

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Contents

vii	<i>Authors</i>
ix	<i>Conference Committees</i>
xi	<i>Introduction</i>

OPTICAL ENGINEERING

11044 02	Neural network in tissue characterization of optical coherence tomography images for smart laser surgery: a preliminary study [11044-6]
11044 03	Preliminary study on development of a low cost banana ripening stage predictor using visible lights reflectance method [11044-8]
11044 04	Convolutional neural network in image analysis for determination of mangrove species [11044-18]
11044 05	Comparison of phase shifting and spatial carrier methods for 2D to 3D image conversion [11044-22]
11044 06	Measurement of skin wrinkles differences using novel optical skin imaging system of digital fringes profilometry [11044-23]
11044 07	Calibrating of simple and low cost Raspberry-Pi camera-based chlorophyllmeter for accurately determining chlorophyll content in paddy leaves [11044-24]
11044 08	Design of fuel detection system in transparent pipe using image processing method based on Raspberry-Pi [11044-28]
11044 09	Design of pothole detection system based on digital image correlation using Kinect sensor [11044-30]
11044 0A	Money detector based on LDR sensor [11044-36]
11044 0B	Detection of water turbidity using LDR sensor [11044-40]
11044 0C	Tomatoes selection system based on fruit maturity level using digital color analysis method [11044-45]
11044 0D	Experimental study of intrusion detector based on SMS fiber structure and optical time domain reflectometry [11044-35]

BIOMEDICAL AND OPTICAL SPECTROSCOPY

- 11044 OE **Single cells diatom *Chaetoceros muelleri* investigated by homebuilt confocal fluorescence spectro-microscopy** [11044-3]
- 11044 OF **Determination of coffee bean's moisture content using laser-induced breakdown spectroscopy (LIBS)** [11044-9]
- 11044 OG **Reconstruction hyperspectral reflectance cube based on artificial neural networks for multispectral imaging system applied to dermatology** [11044-19]
- 11044 OH **Detection of lard adulteration in olive oil by using tapered Plastic Optical Fiber (POF) spectroscopy** [11044-29]
- 11044 OI **The analysis of calcium contained in saliva due to smoking habits using laser-induced breakdown spectroscopy (LIBS)** [11044-32]
- 11044 OJ **Quantitative evaluation of glucose spectra from NIR spectroscopy measurements using PLS regression analysis** [11044-34]
- 11044 OK **Characterization of diffuse reflectance spectrum from vegetable leaves as the techniques of chlorophyll concentration measurement** [11044-38]
- 11044 OL **Characterization of diffuse reflectance spectrum from fruit plant's leaves as chlorophyll concentration measurement technique** [11044-41]
- 11044 OM **Effect of the storage temperature on curcumin content in food supplement by spectrophotometry method** [11044-47]

PHOTONICS DEVICES AND MATERIAL PROCESSING

- 11044 ON **Fabrication of double layer anti-reflection coating $\text{TiO}_2\text{-SiO}_2$ on silicon substrate with pulsed laser deposition method** [11044-7]
- 11044 OO **The effect of wavelength variation on Mach-Zehnder interferometer structures using GaN semiconductors for telecommunication** [11044-12]
- 11044 OP **Multimode interference-based 1×8 optical power splitter using GaN semiconductors** [11044-14]
- 11044 OQ **Narrowing laser linewidth for high-speed optical communication of FSO** [11044-20]
- 11044 OR **Analysis of signal to noise ratio and bit error rate parameters of optical fiber communication backbone in Lamongan-Kebalen segment** [11044-26]
- 11044 OS **Synthesis of carbon dots from organic waste as heavy metal ions detector sensor** [11044-27]
- 11044 OT **Magnesium ion sensor based on singlemode-multimode-singlemode with multi-walled carbon nanotubes** [11044-33]

- 11044 0U **III nitride based waveguide parameters optimisation of 1×2 optical power divider for telecommunication links** [11044-39]
- 11044 0V **An alternating current sensor based on SMS fiber structure and ferrofluids** [11044-42]
- 11044 0W **Detection of lard adulteration in palm oil using U-shaped plastic optical fiber** [11044-43]
- 11044 0X **Formalin detection using singlemode-multimode-singlemode fiber structure** [11044-44]
- 11044 0Y **Measuring of the cooking oil viscosity based on U-shaped SMS fiber structure** [11044-46]

Authors

Numbers in the index correspond to the last two digits of the seven-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first five digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

A., Putri Yeni, 0X
Achmadi, 0D
Adhiwibawa, Marcelinus A. S., 04, 0E
Adiati, Rima Fitria, 0A, 0R
Adziimaa, Ahmad Fauzan, 0S
Anggoro, Wahyu, 09, 0B
Ariyanto, Mario R., 04
Bayhaqi, Yakub A., 02
Brotosudarmo, Tatas H. P., 04, 0E
Cattin, Philippe C., 02
Chandra, Theodore G., 0C
Darusalam, Ucuk, 0Q
Erwandha, Kevin G., 0C
F., Riski Fitra, 0Y
F. C., Ajeng Ayu, 0Y
Fajrin, Yenny A., 07
Fatmawati, Novia Nurul, 0A
Gumelar, Muhammad Raditya, 0O, 0P, 0U
Hakim, Muhammad H., 0C
Hamidah, Maratul, 0O, 0P, 0U
Hatta, Agus Muhammad, 0A, 0B, 0C, 0D, 0H, 0M,
0T, 0V, 0W, 0X, 0Y
Hepriyadi, S., 0J
Heriyanto, 0E
Hidayat, Achmad Syarif, 0B, 0C
H. J., Rofifah, 0X
H. S., Hadrian, 0V
Husada, Fadhel I., 0H, 0W
I. A., Retno, 0Y
Ilhami, Hardika, 0A
Indriani, Risa, 0M
Irawati, Ninik, 0A, 0B, 0C, 0M, 0T, 0V, 0X, 0Y
Isnaeni, 0S
Juliastuti, Endang, 03, 06
K., Miratul, 0T
Koentjoro, Sekartedjo, 0H, 0K, 0L, 0V, 0W
Kurniawati, Intan D., 0L
Kusumawardhani, Apriani, 0B, 0R
Lucia, S., 05
Mujahidin, Fahmi, 0Y
Nadhira, V., 06
Nasution, Aulia M. T., 07, 09, 0F, 0G, 0I, 0J, 0K, 0L
Navarini, Alexander, 02
Nelwan, Eframoktora R. G., 0N
Nur Hidayati, Rinda, 0B, 0T, 0X
Nurfadilah, 0A
Nurfathiya, Nadhira, 0S
O., Vania Dwindi, 0Y
Oktafaina, 0A
Oktavia Hardiana, Tiara, 0B
One, Ruri Dini, 0A
Pambudi, Okky Insan, 0A
Pinandito, Rifqi, 0Y
Poespawati, Nji Raden, 0P
Pramono, Eko K., 03
Prastomo, Niki, 0N
Priambodo, Purnomo Sidi, 0Q
Prihasty, Wilda, 0K
Prilianti, Kestrilia R., 04
Priyantari, Bina A., 0C
Purnamaningsih, Retno Wigajatri, 0O, 0P, 0U
Puspita, Ika, 0H, 0W
Puspohadiningrum, Dini Fithriaty, 0C, 0O, 0P, 0U
Rabbani, Adilah Daffadany, 0A
Rahmadiansah, Andi, 0B
Ratnasari, Anita, 0P
Rauter, Georg, 02
Rosohadi, I. R., 09
S., Gideon, 0X
Sari, Dina P., 06
Sawitri, Dyah, 0S
Setiadi, Iwan Cony, 0G, 0J, 0K, 0L
Setijono, Heru, 0R
Struck, Andreas, 04
Suliyanti, Maria M., 0N
Suprijanto, 05
Suyanto, Hery, 07, 0F, 0I
Wibowo, Arif Agung, 0E
Wicaksono, Prama Eko, 0F
W. P., Adelia, 0Y
Yasin, Moh, 0T
Y., Aditya, 0C
Zahra, N., 05
Zahroh, Az, 0I
Zam, Azhar, 02
Zulkifli, Fitri Yuli, 0Q

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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