

ISMOA 2021

The 13th International Symposium on
Modern Optics and Its Applications

Will be carried out as virtual conference

August 2-4, 2021

<https://ismoa.indonesianoptics.org/>

Venue:

Universitas Pelita Harapan
MH Thamrin Boulevard 1100, Kec. Kelapa Dua,
Tangerang, Banten 15811, INDONESIA

Conference Theme:

Photonics for Better Lives

This meeting is organized to bring together experts in the field of photonics science and technology to share and discuss the new results achieved in the field and the potential impacts on their applications as well as their further advances. This meeting will also provide the opportunity to foster international scientific networking and cooperation.

Scope of this meeting covers a variety of topics listed below (but not restricted to it):

Photonic Sensing
Photonic for fighting the pandemic
Biophotonics
Micro and Nano Photonics
Plasmonics
Metamaterials
Photovoltaics/Solar Cells
Nonlinear Optics
Optical Spectroscopy
Numerical Modeling and Simulation of Photonics
Photonics for ICT
Functional optical materials
Photonic Crystals and Photonic Crystal Fibers
Semiconductor Photonic Devices

Based on quality, selected papers will be published either in the SCOPUS/Web of Science indexed international reputable journal: **Journal of Nonlinear Optical Physics & Materials** <http://www.worldscientific.com/worldscinet/jnopm> (subject to additional peer review by the journal)

or in the SCOPUS/Thompson Reuters (TR) indexed international proceedings of the Institute of Physics (IOP):

Journal of Physics: Conference Series
<http://iopscience.iop.org/journal/1742-6596>

Important Dates:

29 May 2021	Submission Deadline of Extended Abstract (1st Batch)
13 June 2021	Announcement of Accepted Contribution (1st Batch)
28 June 2021	Submission Deadline of Extended Abstract (2nd Batch)
5 July 2021	Announcement of Accepted Contribution (2nd Batch)
6 July 2021	Last Day of Early Bird Registration
19 July 2021	Submission Deadline of Revised Extended Abstract
26 July 2021	Submission Deadline of Full Paper
2 August 2021	Tutorial on Modern Optics and Its Applications & Poster Review
3 August 2021	The Indonesian Optical Society Congress
3-4 August 2021	ISMOA 2021 Main Events

Registration:

		Early Bird	Normal
Participants ¹	International	150 USD	200 USD
	Domestic	Rp. 1.500.000,-	Rp. 2.000.000,-
Students ²	International	75 USD	100 USD
	Domestic	Rp. 750.000,-	Rp. 1.000.000,-
Participants without Presentation	International	-	20 USD
	Domestic	-	Rp. 200.000,-

Registration form and templates of the extended abstract can be downloaded from our website. Completed registration form along with the full paper should be sent to us electronically. Additional paper(s) with the same first author: 75% registration fee of the first paper.

¹InOS Member: 50% discount from related rate, should enclose scan of valid InOS membercard

²Scan of valid student card or letter from university/supervisor



Payment via PayPal, send to PayPal account: ismoa@indonesianoptics.org

For further information please browse
<http://ismoa.indonesianoptics.org/>

or contact Secretariat ISMOA 2021

Email : ismoa@indonesianoptics.org

2nd August 2021

Tutorial Series:

Basic Laser Spectroscopy and Its Applications in Laser Induced Breakdown Spectroscopy

by Prof. Wahyu SETIABUDI
MMM Research Center &
Univ. Diponegoro, Indonesia

Recent Developments in Laser Induced Breakdown Spectroscopy in Indonesia

by Dr. Indra KARNADI
MMM Research Center &
Univ. Kristen Krida Wacana, Indonesia

Solid-State Quantum Light Source: Generation and Applications

by Prof. Takashi KURODA
National Institute for Material Science, Japan

Introduction to Metamaterials and Metasurfaces

by Prof. Jonghwa SHIN
Korea Advanced Institute of Science and Technology, South Korea

3rd - 4th August 2021:

Invited Speakers:

Aslam BAIG

National Centre for Physics, Pakistan
A Comparative Study of LIBS and Other Analytical Techniques

Humeyra CAGLAYAN

Tampere Univ., Finland

Martijn DE STERKE

Univ. Sydney, Australia
A Menagerie of Solitons by Variation of the Dispersion

Suganda JUTAMULIA

Omnivision Technologies, Inc., USA
Phase Detection Autofocus (PDAF) Image Sensor as Applied to 3-D Imaging

Takashi KURODA

National Institute for Material Science, Japan
Quantum Entangled Photon-Pair Emission from Semiconductor Quantum Dots

Laura M. LECHUGA

Catalan Institute of Nanoscience and Nanotechnology, Spain
Nanophotonic Biosensors for COVID-19 Detection

David MARPAUNG

Univ. Twente, The Netherlands
Programmable Photonic Chips

Thomas PERTSCH

Friedrich-Schiller University Jena, Germany
Nonlinear Dielectric Metasurfaces for Photonic Quantum State Generation

Jonghwa SHIN

Korea Advanced Institute of Science and Technology, South Korea
Spectral Manipulation with Metasurfaces for Color Filters, Absorbers, and Radiative Cooling

Kaoru TAMADA

Kyushu University, Japan
High Axial and Lateral Resolution on Self-Assembled Gold Nanoparticle Metasurfaces for Live-Cell Imaging

Nelson TANSU

Univ. Adelaide, Australia

Thomas WHITE

Australian National University, Australia
High Efficiency Perovskite-Silicon Tandem Solar Cells

Yuanlin ZHENG

Shanghai Jiao Tong University, P. R. China
Integrated Nonlinear Photonics on the Lithium-Niobate-on-Insulator Platform



International
Day of Light
16 May



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