

SCoMOA Course Schedule

Day 1, Friday, 28 July 2023

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
07:30	08:00	Entering the classroom & registration
08:00	08:10	Opening speech Rahmat Hidayat (Chair of SCoMOA 2023)
08:10	08:20	Opening speech Ms. Maki Katsuno-Hayashikawa (Director of UNESCO Multisectoral Regional Office in Jakarta and UNESCO Representative to Indonesia, Brunei Darussalam, Malaysia, the Philippines, and Timor Leste)
08:20	08:35	Official Opening Ridwan Sutriadi, S.T., M.T., Ph.D. (Director of Directorate of Non-Regular Education, ITB)

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
08:35	08:45	Welcoming Speech Prof. Dr. Fatimah Arofiati Noor, S.Si., M.Si. (Head of Physics Undergraduate Study Program, ITB)
08:45	09:10	<i>UNESCO Science Programmes</i> Ryuichi Fukuhara (UNESCO)
09:10	09:15	Group Photo
09:15	09:30	Coffee Break
09:30	09:40	<i>Course Overview and Rules of Game</i> Henri P. Uranus (Co-Chair of SCoMOA 2023)
09:40	11:20	Session 1: <i>Fundamentals of Optics</i> Agoes Soehianie (Institute Teknologi Bandung, Indonesia)
11:20	13:30	Break, Praying Time, Lunch

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
13:30	14:20	Session 2a: <i>Theory of Optical Waveguides</i> Muldarisnur (Universitas Andalas, Indonesia)
14:20	15:10	Session 2b: <i>Lab. Works on Optical Mode Solving</i> Henri P. Uranus (Universitas Pelita Harapan, Indonesia)
15:10	16:50	Session 3: <i>Characterization of Optical Waveguides</i> Ayi Bahtiar (Universitas Padjadjaran, Indonesia)
16:50		Announcement

Day 2, Saturday, 29 July 2023

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
07:30	08:00	Entering the classroom & registration
08:00	09:40	Session 4: <i>Optical Fibers</i> Henri P. Uranus (Universitas Pelita Harapan, Indonesia)
09:40	11:20	Session 5: <i>Plasmonics and Biomedical Applications</i> Priastuti Wulandari (Institut Teknologi Bandung, Indonesia)
11:20	13:00	Break, Praying Time, and Lunch
13:00	14:25	Session 6a: <i>Solar Cells</i> Rahmat Hidayat (Institut Teknologi Bandung, Indonesia)
14:25	14:40	Session 6b: <i>Light for Sustainable Developments</i> Rahmat Hidayat (Institut Teknologi Bandung, Indonesia)

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
14:40	14:50	Announcement
14:50	17:00	Session 7: <i>Lab Works Experiments</i> Herman (Institut Teknologi Bandung, Indonesia) Sahrul Hidayat (Universitas Padjadjaran, Indonesia) Norman Syakir (Universitas Padjadjaran, Indonesia)

Day 3, Sunday, 30 July 2023

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
4 x 50 minutes (participants make appointment within their group)		Session 9: <i>Group work and Paper Writing</i> Participants perform literature study on topics in photonics and collaboratively write a document out of the study following a proper scientific standard as given in the learning management system. The paper the is then submitted to the learning management system

Day 4, Monday, 31 July 2023

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
07:30	08:00	Entering the classroom & registration
08:00	09:40	Session 10: <i>Periodic System and Photonic Crystals</i> Alexander A. Iskandar (Institut Teknologi Bandung, Indonesia)
09:40	11:20	Session 11: <i>Laser-Induced Breakdown Spectroscopy</i> Aslam Baig (National Centre for Physics, Pakistan)
11:20	13:00	Break, Praying Time, and Lunch
13:00	14:40	Session 12: <i>Fiber Lasers</i> Sulaiman W. Harun (Univ. Malaya, Malaysia)

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
14:40	14:50	Announcement
14:50	16:30	Session 13: <i>Evaluation</i>

Day 5, Tuesday, 1 August 2023

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
08:30	10:10	Session 14: <i>Laser and Interaction with Materials</i> Isnaeni (Badan Riset dan Inovasi Nasional, Indonesia)
10:30	12:10	Session 15: <i>A New Era of Integrated Photonics: from Material Science to Quantum Computing</i> David Marpaung (University of Twente, The Netherlands)
13:00	13:50	Session 16a: <i>Basic of Surface Plasmon Resonance</i> Yuto Kajino (Kyushu University, Japan)
13:50	14:40	Session 16b: <i>Fundamentals and Applications of Plasmonic Metasurfaces Composed of Self-assembled Metal Nanoparticles</i> Kaoru Tamada (Kyushu University, Japan)

Western Indonesia Time (UTC+7)		Activity/Speaker
Start	End	
14:40	14:50	Closing Speech and Announcement: Fitriawati (Co-Chair of SCoMOA 2023)