

IBioMed 2020 Schedule

Yogyakarta, 6th-8th October 2020

Tuesday, 6th October 2020

- 13.00 – 13.20 Registration
- 13.20 – 13.25 Welcome Message
- 13.25 – 13.30 **Break**
- 13.30 – 15.00 ICITEE and IBIOMED Parallel Session
- 15.00 – 15.30 **Break**
- 15.30 – 17.30 National Conference Parallel Session (CITEE)

Wednesday, 7th October 2020

- 07.30 – 08.00 Registration
- 08.00 – 09.00 Opening Ceremony
- 09.00 – 10.00 Plenary Session (Keynote Speech 1)
Prof. Mauridhi Hery Purnomo (Institut Teknologi Sepuluh Nopember, Indonesia)
- 10.00 – 10.15 Q&A
- 10.15 – 10.30 **Break**
- 10.30 – 11.30 Plenary Session (Keynote Speech 2)
Asst. Prof. Sundeep Prabhakar Chepuri (Indian Institute of Science, India)
- 11.30 – 11.45 Q&A
- 11.45 – 13.00 **Break**
- 13.00 – 15.00 ICITEE Parallel Session
- 15.00 – 15.30 **Break**
- 15.30 – 17.30 ICITEE Parallel Session

Thursday, 8th October 2020

- 07.30 – 08.00 Registration
- 08.00 – 09.30 Workshop: Scientific Writing
Dr. Sunu Wibirama (Universitas Gadjah Mada, Indonesia)
- 09.30 – 09.45 **Break**
- 09.45 – 11.45 ICITEE and IBIOMED Parallel Session
- 11.45 – 12.00 Closing Ceremony, Best Papers Announcement, and ICITEE 2021 Location Announcement

PARALLEL SESSION

TIME (UTC + 7)			ROOMS	
			Room 1	Room 2
Tuesday, 6 th Oct. 2020	Session 1	Moderator	Adhistya Erna P.	Inung Wijayanto
		13.30-15.00	IB-1	IB-5
			IB-2	IB-7
			IB-3	IB-8
			IB-4	IB-9
Thursday, 8 th Oct. 2020	Session 2	Moderator	Alifia Revan P.	Dwi Wahyu P.
		09.45-11.45	IB-10	IB-6
			IB-11	IB-14
			IB-12	IB-15
			IB-13	IB-16

IBioMed 2020 List of Papers

No.	Paper Code	Paper title	Authors
1	IB-1	Joint Dice and Intersection over Union Losses for Deep Optical Disc Segmentation	Latifah Listyalina, Ikhwan Mustiadi, and Dhimas Arief Dharmawan
2	IB-2	Enhancing Detection of Pathological Voice Disorder Based on Deep VGG-16 CNN	Agustinus Bimo Gumelar, Eko Mulyanto Yuniarno, Wiwik Anggraeni, Indar Sugiarto, Vincentius Raki Mahindara, and Mauridhi Hery Purnomo
3	IB-3	Enhance Computing Performance Through Deep Learning and Blockchain Integration for Public Health Problems	Mauridhi H Purnomo, Iman Fahruzi, and Wiwik Anggraeni
4	IB-4	RF Transceivers for Health Care Monitor Systems: A Review	Mona El Abbasi, Karim Y. Kabalan, and Mervat Madi
5	IB-5	Chitosan Coated Niosomes: A Potential Nanosystem for Photothermal Therapy of Skin Cancer	Anil Jogdand, Syed Baseeruddin Alvi, Rajalakshmi PS, and Aravind Kumar Rengan
6	IB-6	Non Invasive Anemia Detection in Pregnant Women Based on Digital Image Processing and K-Nearest Neighbor	Yunendah Nur Fuadah, Sofia Sa'idah, Inung Wijayanto, Raditiana Patmasari, and Rita Magdalena
7	IB-7	Custom convolutional neural network with data augmentation to predict Pneumonia COVID19	Budi Dwi Satoto, Mohammad Imam Utoyo, Riries Rulaningtyas, and Eko Budi Koendhori
8	IB-8	Level of Motion Sickness Based on Heart Rate Variability When Reading Inside a Fully Automated Vehicle	Juffrizal Karjanto, Nidzamuddin Md. Yusof, Jacques Terken, Frank Delbressine, and Matthias Rauterberg
9	IB-9	PharmaCV: A Cloud Vision Approach on Generating Labels of Pharmaceutical Drugs	Rodolfo C. Salvador Jr., Clarissa Jane S. Lagmay, and Renann G. Baldovino
10	IB-10	Detection of Malaria Parasites in Thin Red Blood Smear Using a Segmentation Approach with U-Net	Adrien Nautre, Hanung Adi Nugroho, Eka Legya Frannita, and Rizki Nurfauzi
11	IB-11	An Automated Controls for the Liver Transplant Preservation Machine	Tristan Joseph C. Limchesing, Madon L. Arcega, Marie Bernadette A. Tuazon, Joshua Paul L. Manalili, Samantha June M. Rice, Renann G. Baldovino, and Nilo T. Bugtai
12	IB-12	Electroencephalographic Spectral Analysis to Help Detect Depressive Disorder	Ratna A. Apsari and Sastra K. Wijaya
13	IB-13	Gait Event-Related Spectral Perturbation of Parkinson's Disease Patients with or without Freezing of Gait: A Case Report	Lingxiao Yu, He Wang, Zawar Khan Khattak, Yifei Yao, Dongyun Gu, and Xiaoli Guo
14	IB-14	Prediction of Protein-Protein Interactions between HIV-1 and Human using Support Vector Machine Combined with Multivariate Mutual Information	Mohamad Irlin Sunggawa, Alhadi Bustamam, Devvi Sarwinda, Patuan Pangihutan Tampubolon, and Wibowo Mangunwardoyo
15	IB-15	Towards Applicability of Motor Imagery BCI: Study on Artificial EEG Data Generation Methods for Calibration Time Reduction	Sinantya Feranti Anindya and Reza Darmakusuma
16	IB-16	Triclustering Analysis Using Extended Dimension Iterative Signature Algorithm (EDISA) on Lung Disease Gene Expression Data	Dwi Aji Apriana, Titin Siswantining, Devvi Sarwinda, and Saskya Mary Soemartojo