

**IPSConf 2021 (11-13 November 2021)****Agenda**

Day, Date	Time (GMT+7)	Agenda – Speaker
Thursday, Nov 11, 2021	08.00-08.30	Welcoming Ceremony - Speeches & Remark - Prof. Dr. Ir. Mochamad Ashari, M.Eng. (Rector of Institut Teknologi Sepuluh Nopember) - Prof. Dr. Mohammad Nasih, SE., MT., Ak. (Rector of Universitas Airlangga, Vice President of ASAIHL) - Prof. Dr. Yoshihisa Baba (President of Soka University, President of ASAIHL) - Group Photo
	08.30-09.00	Brief Introduction of ITS Indonesia Prof. Heri Kuswanto (Director of ITS Postgraduate Program, ITS Indonesia)
	09.00-10.00	Keynote Speaker – Maintaining Research Productivity During Pandemic Prof. Dr. Ni Nyoman Tri Puspaningsih, M.Si. (Vice Rector for Research, Innovation, and Community Development, Universitas Airlangga) Moderator: Astria Nur Irfansyah, Ph.D (Senior Manager for International Partnership, ITS Global Engagement, ITS)
	10.00-10.15	Break
	10.15-11.15	Keynote Speaker – Developing International Research Profile Prof. Ir. I Nyoman Pujawan, M.Eng., Ph.D., CSCP (Dean of Interdisciplinary School of Management and Technology) Moderator: Rulli Pratiwi Setiawan, Ph.D (Senior Manager for World Class University, Directorate of Global Engagement, ITS)
		Interaction in Breakout Rooms
	11.15-11.45	Introduction of Indonesia & Surabaya Assoc. Prof. Maria Anityasari, Ph.D (Director of Global Engagement, ITS)
	11.45-12.45	Break
12.45-14.45	Parallel Research Presentation & Feedback* Room 1 – 2	



Day, Date	Time (GMT+7)	Agenda – Speaker
Friday, Nov 12, 2021	09.30-11.30	Parallel Research Presentation & Feedback* Room 3 – 4
	11.30-13.00	Break
	13.00-15.00	Parallel Research Presentation & Feedback* Room 5 – 6
	15.00-15.30	Lesson Learnt from Parallel Research Presentation & Feedback Moderator: Octaviyanti Dwi Wahyurini, Ph.D (Senior Manager for Promotion and Mobility, Directorate of Global Engagement, ITS)
	15.30-16.00	Briefing for ASAIHL 3MT Competition Astria Nur Irfansyah, Ph.D (Senior Manager for International Partnership, Directorate of Global Engagement, ITS)
Saturday, Nov 13, 2021	09.30-10.00	ASAIHL Info Session ASAIHL Secretariat
	10.00-11.30	ASAIHL 3MT Competition
	11.30-12.00	Indonesian Traditional Dance
	12.00-12.30	Awarding & Closing Ceremony

Parallel Research Presentation & Feedback*

Room 1 – Electrical and Informatics Technology

Room 2 – Social Sciences

Room 3 – Electrical and Informatics Technology

Room 4 – Physics, Mechanical, and Civil Engineering

Room 5 – Technology Management

Room 6 – Science



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Technical Program Schedule

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Parallel Technical Session, Thursday 11 Nov 2021, 12.45-14.45 GMT+7

Time	Room 1	Room 2
	Electrical Engineering	Social Science & Education
12.45 - 13.05	ELE1-1	SOC-1
13.05 - 13.25	ELE1-2	SOC-2
13.25 - 13.45	ELE1-3	SOC-3
13.45 - 14.05	ELE1-4	SOC-4
14.05 - 14.25		SOC-5
14.25 - 14.45		SOC-6

Parallel Technical Session, Friday 12 Nov 2021, 9.30 - 11.30 GMT+7

Time	Room 3	Room 4
	Electrical Engineering	Physics, Mechanical, and Civil Engineering
9.30 - 9.50	ELE2-1	ENG-1
9.50 - 10.10	ELE2-2	ENG-2
10.10 - 10.30	ELE2-3	ENG-3
10.30 - 10.50	ELE2-4	ENG-4
10.50 - 11.10	ELE2-5	ENG-5

Parallel Technical Session, Friday 12 Nov 2021, 13.00 - 15.00 GMT+7

Time	Room 5	Room 6
	Technology Management	Science
13.00 - 13.20	TECHM-1	SCI-1
13.20 - 13.40	TECHM-2	SCI-2
13.40 - 14.00	TECHM-3	SCI-3
14.00 - 14.20	TECHM-4	SCI-4
14.20 - 14.40	TECHM-5	SCI-5

Details on next page.

**Thursday, 11 November 2021, 12.45 – 14.45 GMT+7****Room 1 - Electrical and Informatics Technology (Thursday, 11 November 2021, 12.45 – 14.45 GMT+7)****Moderator: Dr. Dimas Anton Asfani, ST., MT.**

Presentation ID	Paper ID	Title	Presenter
ELE1-1	19	Charging Battery Using a Brushless Dc Generator Based on Capacitor Energy Control for Extended-Range Electric Vehicle Application	Bella Octavia Nurul Hidayah (Institut Teknologi Sepuluh Nopember)
ELE1-2	14	The Prosumer Model Solution for Electricity in Isolated Area	Yusdiar Sandy (Institut Teknologi Sepuluh Nopember)
ELE1-3	9	The Real-Valued Prediction for Generating Policy Based on Time-Series Data Summarization (Case Study: Indonesian School Reopen Safely During the Pandemic)	Feby Artwodini Muqtadiroh (Institut Teknologi Sepuluh Nopember)
ELE1-4	22	Regulation On Access of Renewable Energy-Sourced Electricity in The Transition Towards a Renewable Energy-Dominated Electricity System: A Case Study of China	Wu Lan (The Chinese University of Hong Kong)

Room 2 - Social Sciences (Thursday, 11 November 2021, 12.45 – 14.45 GMT+7)**Moderator: Dr. Kartika Nuswantara S.Pd, M.Pd**

Presentation ID	Paper ID	Title	Presenter
SOC-1	2	The Potential of Augmented Reality as a Visual Narrative for Early Children	Anung Asasongko (Institut Teknologi Bandung)
SOC-2	29	Pillars Of Teaching-Learning Pedagogy– A View from Vedantic Literature	Buddhudev Ghosh (Indian Institute of Technology-Bombay)
SOC-3	24	Teaching Of Grammar at Secondary School Level; a Communicative Approach	Unaiza Khudai (Universiti Teknologi Malaysia)
SOC-4	23	Internationalization Rationales and Strategies of Private Higher Education Institutions in Indonesia and The Philippines	Paul Anthony S. Balagtas (Angeles University Foundation)
SOC-5	20	Interactive Teaching Strategies in A Virtual Foreign Language Classroom- Focus on Teaching German as A Foreign Language for University Students	Sewvandi Peumica Wijethilake (University of Kelaniya, Sri Lanka)
SOC-6	1	Human Rights Education in Thailand: Exploring the Contradictory Environment in Secondary Schools During the Time of Military Regime	Pitaya Thipwajana (Institute of Community Colleges, Thailand, Visiting Scholar Columbia University, US)

**Friday, 12 November 2021, 9.30 – 11.30 GMT+7****Room 3 - Electrical and Informatics Technology (Friday, 12 November 2021, 9.30 – 11.30 GMT+7)****Moderator: Dr. Eng. Ardyono Priyadi, ST., M.Eng.**

Presentation ID	Paper ID	Title	Presenter
ELE2-1	16	Adaptive Inverse-Time Overcurrent Protection Method in Case Multi Configurations of System During Fault	Fauzanul Abidin (Institut Teknologi Sepuluh Nopember)
ELE2-2	15	Fault Detection and Classification Using Neuro-Fuzzy for Static Synchronous Compensator (StatCOM)	Hanif Rifai Adha (Institut Teknologi Sepuluh Nopember)
ELE2-3	13	Application Of Fuzzy Logic Type 2 And Sliding Mode Control on The Power System Stabilizer in Jawa Bali System 500 kV	I Gede Dyotha Yogadipha Bagas (Institut Teknologi Sepuluh Nopember)
ELE2-4	17	PID Controlled Switched Inductor Boost Converter as Photovoltaic Output Voltage Regulator Simulation	Mochamad Shofwan Rizqulloh (Institut Teknologi Sepuluh Nopember)
ELE2-5	18	Thermal Unit Commitment Considering of Photovoltaic and Demand Response (DR) Using Particle Swarm Optimization (PSO)	Moh Erdianto Triputradi (Institut Teknologi Sepuluh Nopember)

Room 4 - Physics, Mechanical, & Civil Engineering (Friday, 12 November 2021, 9.30 – 11.30 GMT+7)**Moderator: Moh Kamalul Wafi, S.T., MSc.DIC**

Presentation ID	Paper ID	Title	Presenter
ENG-1	11	Construction Methods of Intake Tunnel in Jlantah Dam Based On Evaluation Of Engineering Geological Conditions	Arnanda Aditya Budhi Aptama (Institut Teknologi Sepuluh Nopember)
ENG-2	25	Prediction Of Component Failure on A320-200 Aircraft Using Regression Method (Case Study from PT GMF Aeroasia)	Nazarullah Ibnuy (Institut Teknologi Sepuluh Nopember)
ENG-3	6	Design Of Earthquake Shaking Table Using Ballscrew Linear Actuator	Nadya Ayu Anugraheni (Institut Teknologi Sepuluh Nopember)
ENG-4	7	Design And Development Of 3D Printing Gantry Type	Nilla Perdana Agustina (Institut Teknologi Sepuluh Nopember)
ENG-5	26	Flight Data Recorder Analysis Using Semi Automation Correlation Methods: Case Study Airbus A320-200 Aircraft	Yulian Ari Nugroho (Institut Teknologi Sepuluh Nopember)



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Friday, 12 November 2021, 13.00 – 15.00 GMT+7

Room 5 - Technology Management (Friday, 12 November 2021, 13.00 – 15.00 GMT+7)

Moderator: Dr. Mohammad Ali Tareq

Presentation ID	Paper ID	Title	Presenter
TECHM-1	27	Measuring Smart City Readiness of Sleman Regency with Ministry of Communication And Informatics Readiness Framework	Haidar Aji Kalbuadi (Universitas Indonesia)
TECHM-2	3	Machine Learning Methodology Selection for Big and Extremely Imbalanced Dataset, Case Study Bank'S Credit Data	Aznovri Kurniawan (Institut Teknologi Sepuluh Nopember)
TECHM-3	21	Illegal, Unreported and Unregulated (IUU) Fishing in Indonesia: Problems and Solutions	Adam Leonardo (Institut Teknologi Sepuluh Nopember)
TECHM-4	4	Past And Future Research in Financing Structure	Muhammad Ahdal Masruhin (Institut Teknologi Sepuluh Nopember)
TECHM-5	8	Application Of Technology Acceptance Model to Assess the Potential Use of Control Tower for Logistics Services Provider	Norman Erikson Suli (Institut Teknologi Sepuluh Nopember)

Room 6 – Science (Friday, 12 November 2021, 13.00 – 15.00 GMT+7)

Moderator: Assoc. Prof. Zainiharyati Mohd Zain, Ph.D

Presentation ID	Paper ID	Title	Presenter
SCI-1	31	Screening System for Classification Chest X-Ray Images of Covid-19 Potential Sufferers	Dionisius Adianto Tirta Nugraha (Institut Teknologi Sepuluh Nopember)
SCI-2	30	Isolation And Development of Microsatellite Markers for Two Bornean Bats Species (Hipposideros Cervinus and Myotis Muricola) Using PacBio'S Long Reads Sequences	Azniza Binti Mahyudin (Universiti Malaysia Sabah)
SCI-3	5	The Utilization Of Swietenia Macrophylla King As An Adsorbent in Cu(II) Adsorption And Its Application To Electroplating Industry	Isni Arliyani (Institut Teknologi Sepuluh Nopember)
SCI-4	12	Adsorption Studies of Diclofenac Sodium by Orange Peel Activated Carbon	Mohammad Syaifuddin (Institut Teknologi Sepuluh Nopember)
SCI-5	10	Potential Involvement of Testicular Extracellular Vesicles in The Paternal Epigenetic Inheritance Of Undesirable Metabolic Traits	Law Tin Yu Samuel (The Chinese University of Hong Kong)