

# Schedule of Parallel Session ICAE 2022

Room Zoom	Time	Name	Affiliation	Title	
<b>Moderator: Nur Sakinah Asaad,S.T.,M.T</b>					
<b>1A.</b>	10.15 - 10.30	Mohamad Johan Arifin	Politeknik Elektronika Negeri Surabaya, Indonesia	Ultrasound Portable Integration for Segmentation Heart Disease in Health Care Kiosk	
		Riyanto Sigit	Politeknik Elektronika Negeri Surabaya, Indonesia		
		Taufiq Hidayat	Faculty of Medicine, Airlangga University, Indonesia		
		Tita Karlita	Electronic Engineering Polytechnic Institute of Surabaya, Indon		
	10.30 - 10.45	Riwinoto Riwinoto	Batam State Polytechnic, Indonesia	Analysis Optimization of Game "X" Performance on the Android Platform	
		William Tan	Politeknik Negeri Batam, Indonesia		
	10.45 - 11.00	Kero Baganet	Polibatam, Indonesia	User Experience Analysis on Application Simulation "HEALTHY LIFESTYLE AT HOME" Based on Virtual Reality	
		Riwinoto Riwinoto	Batam State Polytechnic, Indonesia		
	11.00 - 11.15	Annisa Florentia	Batam State Polytechnic, Indonesia	Usability Analysis: Virtual Reality-Based Lathe Machine Operation Simulation Application	
		Riwinoto Riwinoto	Batam State Polytechnic, Indonesia		
	<b>Break</b>				
	13.15 - 13.30	Tania Milda Grasella	Batam State Polytechnic, Indonesia	User Experience Evaluation of Virtual Reality-Based for LAN Cable Crimping Simulation Application	
Riwinoto Riwinoto		Batam State Polytechnic, Indonesia			
13.30 - 13.45	Lin Prasetyani	Politeknik Manufaktur ASTRA, Indonesia	Denso RC7M Robot Integration with PLC Based on Device-Net Communication in a Visual Line of Automotive Industry		
	Mada Jimmy Arifianto	Politeknik Manufaktur ASTRA, Indonesia			
<b>Moderator: Fitriyanti Nakul, S.Pd.,M.Si</b>					
<b>2A</b>	10.15 - 10.30	Asy Syifaur Roisah Rufaida	Universitas Gadjah Mada, Indonesia	Lexicon-Based Sentiment Analysis Using Inset Dictionary: A Systematic Literature Review	
		Adhistya Erna Permanasari	Universitas Gadjah Mada, Indonesia		
		Noor Akhmad Setiawan	Universitas Gadjah Mada, Indonesia		
	10.30 - 10.45	Hanif Naufal Arif Sunarko	Gadjah Mada University, Indonesia	Comparative Analysis of Masked and Unmasked for Face Recognition Using VGG Face and MTCNN	
		Risanuri Hidayat	Gadjah Mada University (UGM), Indonesia		
		Rudy Hartanto	Gadjah Mada University, Indonesia		
	10.45 - 11.00	Oktavianto Gustin	Politeknik Negeri Batam, Indonesia	WebGIS Distribution of Boarding House Locations (Case Study: Around Politeknik Negeri Batam Campus)	
		Karisma Pratama Ramadhan	Politeknik Negeri Batam, Indonesia		
	11.00 - 11.15	Oktavianto Gustin	Politeknik Negeri Batam, Indonesia	WebGIS Mapping the Distribution of Batam Island Main Bus Stops	
		Yulia Yulia	Politeknik Negeri Batam, Indonesia		
	<b>Break</b>				
	13.15 - 13.30	Oktavianto Gustin	Politeknik Negeri Batam, Indonesia	Mapping Land Field in Kampung Tua Nongsa Using NRTK Method Based on PTSL Activites	
Alfin Alpredo Pelawi		Politeknik Negeri Batam, Indonesia			
13.30 - 13.45	Oktavianto Gustin	Politeknik Negeri Batam, Indonesia	Mapping of Changes in the Marine Physical Properties of the Batam Island		
	Doli Prasetyo	Politeknik Negeri Batam, Indonesia			

Room Zoom	Time	Name	Affiliation	Title	
		F. V. Astrolabe Prasetya	Politeknik Pertanian Negeri Samarinda, Indonesia		
Moderator: Budiana, S.Si., M.Si					
<b>3A</b>	10.15 - 10.30	Oktavianto Gustin	Politeknik Negeri Batam, Indonesia	Mapping the Suitability of Land Use to the Regional Spatial Plans in Batam City	
		Priecilla Hidayat	Politeknik Negeri Batam, Indonesia		
		Dewi Nur Indah Sari	Politeknik Negeri Banjarmasin, Indonesia		
	10.30 - 10.45	Ahmadi Irmansyah Lubis	Politeknik Negeri Batam, Indonesia	Classification of Alzheimer Disease from MRI Image Using Combination Naïve Bayes and Invariant Moment	
		Swono Sibagariang	Politeknik Negeri Batam, Indonesia		
		Noper Ardi	Politeknik Negeri Batam, Indonesia		
	10.45 - 11.00	Shibajee Nath	Nottingham University Malaysia, Malaysia	Voltage Oriented Control for Electric Vehicle Regenerative Power Regulation	
		Aaruththiran Manoharan	University of Nottingham Malaysia Campus, Malaysia		
		Mumtaj Begam Kasim Rawthar	University of Nottingham Malaysia Campus, Malaysia		
	11.00 - 11.15	Sartikha Sartikha	Politeknik Negeri Batam, Indonesia	Optimization of Genetic Algorithm for Urban Traffic Light Schedule Problem	
		Noper Ardi	Politeknik Negeri Batam, Indonesia		
		Ahmadi Irmansyah Lubis	Politeknik Negeri Batam, Indonesia		
	<b>Break</b>				
	13.15 - 13.30	Ayu Ahadi Ningrum	Universitas Muhammadiyah Banjarmasin, Indonesia	Implementation of Wireless Sensor Network for Automatic Duck Egg Hatching Machine	
		Windarsyah Windarsyah	Universitas Muhammadiyah Banjarmasin, Indonesia		
		Ihdalhubbi Maulida	Universitas Muhammadiyah Banjarmasin, Indonesia		
		Finki Dona Marleny	Universitas Muhammadiyah Banjarmasin, Indonesia		
	13.30 - 13.45	Diono Diono	Politeknik Negeri Batam, Indonesia	Application IOT (Internet of Things) Technology for Heat Input Variable in the FCAW (Flux Core Arc Welding) Welding Process: Studied at PT. NOV Profab Batam	
		Adlian Jefiza	Politeknik Negeri Batam, Indonesia		
		Jhon Purba	Politeknik Negeri Batam, Indonesia		
Sumantri Lukitto		Politeknik Negeri Batam, Indonesia			
Illa Aryeni		Politeknik Negeri Batam, Indonesia			
Fadli Firdaus		Politeknik Negeri Batam, Indonesia			
Muhammad Jaka Wimbang Wicaksono		Politeknik Negeri Batam, Indonesia			
Mohamad Alif Dzulfiqar	Politeknik Negeri Batam, Indonesia				
Moderator: Muhammad Jaka Wimbang Wicaksono, S.T., M.T.					
	10.15 - 10.30	Eko Rudiawan Jamzuri	Politeknik Negeri Batam, Indonesia & National Taiwan Normal	Object Detection and Pose Estimation Using Rotatable Object Detector DRBox-v2 for Bin-Picking Robot	
		Agristia Riski Pinandita	Politeknik Negeri Batam, Indonesia		
		Riska Analia	Politeknik Negeri Batam, Indonesia		
		Susanto Susanto	Politeknik Negeri Batam, Indonesia		

Room Zoom	Time	Name	Affiliation	Title	
4A	10.30 - 10.45	Fitriyanti Nakul	Politeknik Negeri Batam, Indonesia	Staging Time Evaluation of Transfer Molding to PMC Process Towards Delamination on IC Package	
		Afandi Kelana	Politeknik Negeri Batam, Indonesia		
	10.45 - 11.00	Arif Febriansyah Juwito	Politeknik Negeri Batam, Indonesia	Design a Prototype Monitoring System and Data Logging for 3-Phase Electrical Systems	
		Diono Diono	Politeknik Negeri Batam, Indonesia		
		Miftahul Jihad	Politeknik Negeri Batam, Indonesia		
	11.00 - 11.15	Riska Analia	Politeknik Negeri Batam, Indonesia	The Graphical User Interface for Controlling Delta Robot Movement Through G-Code	
		Susanto Susanto	Politeknik Negeri Batam, Indonesia		
		Eko Rudiawan Jamzuri	Politeknik Negeri Batam, Indonesia & National Taiwan Normal		
	<b>Break</b>				
	13.15 - 13.30	Mira Chandra Kirana	Politeknik Negeri Batam, Indonesia	Motion Graphic Sosialisasi Pencegahan Wabah Covid-19	
		Mahmudi Mahmudi	Politeknik Negeri Batam, Indonesia		
		Muhamad Sahrul Nizan	Politeknik Negeri Batam, Indonesia		
	13.30 - 13.45	Yogy Pratama	Politeknik Negeri Batam, Indonesia	Localization System on Wheel Robot Soccer	
		Hendawan Soebhakti	Politeknik Negeri Batam, Indonesia		
Senanjung Prayoga		Politeknik Negeri Batam, Indonesia			
Budiana Budiana		Politeknik Negeri Batam, Indonesia			
<b>Moderator: Ryan Satria Wijaya, S.Tr.T., M.Tr.T.</b>					
5A	10.15 - 10.30	Muhammad Zainuddin Lubis	Politeknik Negeri Batam, Indonesia	Study of the Physical Condition of the Waters of the Kabil-Batam Port, Indonesia Based on Hydro-Oceanography	
		Muhammad Ghazali	Politeknik Negeri Batam, Indonesia		
		Wenang Anurogo	Politeknik Negeri Batam, Indonesia		
		Pratiwi Dwi Wulandari	CV. Tizen Construction, Indonesia		
	10.30 - 10.45	Churun In Layyinah	Politeknik Elektronika Negeri Surabaya, Indonesia	Heart Condition Classification Using Deep Learning as A Diagnosing Helper	
		Riyanto Sigit	Politeknik Elektronika Negeri Surabaya, Indonesia		
		Tita Karlita	Electronic Engineering Polytechnic Institute of Surabaya, Indon		
		Taufiq Hidayat	Faculty of Medicine, Airlangga University, Indonesia		
	10.45 - 11.00	Muchammad Fajri Amirul, Nasru	Politeknik Negeri Batam, Indonesia	Rig Implementation Using Duik Bassel Plugin in 2d Animation "Terjebak Hoaks"	
		Anis Rahmi	Politeknik Negeri Batam, Indonesia		
		Sandi Prasetyaningsih	Politeknik Negeri Batam, Indonesia		
		Umi Kalsum Nasution	Politeknik Negeri Batam, Indonesia		
		Sepnita Indriyani	Politeknik Negeri Batam, Indonesia		
		Harfina Nur Rizky	Politeknik Negeri Batam, Indonesia		
Desy Leviana	Politeknik Negeri Batam, Indonesia				

Room Zoom	Time	Name	Affiliation	Title	
	11.00 - 11.15	Susanto Susanto	Politeknik Negeri Batam, Indonesia	Improving the Stereo Distance Measurement Accuracy on the Bareleng-FC Humanoid Robot	
		Riska Analia	Politeknik Negeri Batam, Indonesia		
		Eko Rudiawan Jamzuri	Politeknik Negeri Batam, Indonesia & National Taiwan Normal		
	<b>Break</b>				
	13.15 - 13.30	Rahel Yulianti	Politeknik Negeri Batam, Indonesia	Obstacle Avoidance System Using LiDAR on Robot Turtlebot3 Burger	
		Faiz Albar Risi	Politeknik Negeri Batam, Indonesia		
		Hendawan Soebhakti	Politeknik Negeri Batam, Indonesia		
		Yeni Riska Pratiwi	Politeknik Negeri Batam, Indonesia		
	13.30 - 13.45	Dwi Amalia Purnamasari	Politeknik Negeri Batam, Indonesia	Introducing ESMADI, Android-Based Learning Application with Prototyping Model	
		Alena Uperiati	Politeknik Negeri Batam, Indonesia		
		Satriya Bayu Aji	Politeknik Negeri Batam, Indonesia		

Moderator: Nanta Fakhri Prebianto, S.ST., M.Sc

6A	10.15 - 10.30	Rina Yulius, RY	Politeknik Negeri Batam, Indonesia	Design and Implementation of A Mobile-Based Refrigerator Reminder App	
		Diyah Karmila Sari	Politeknik Negeri Batam, Indonesia		
	10.30 - 10.45	Amirul Mu'minin	Politeknik Negeri Batam, Indonesia	The Effects of the Addictive Effects of Online Games Among US in Terms of Computer-Mediated Communication (CMC) in the Young Generation	
		Anis Rahmi	Politeknik Negeri Batam, Indonesia		
	10.45 - 11.00	Wenang Anurogo	Politeknik Negeri Batam, Indonesia	Waters Quality Assessment on Physical-Chemical Parameters Using Remote Sensing Technologies: Criteria for Total Suspended Solids and Waters Transparency	
		Muhammad Zainuddin Lubis	Politeknik Negeri Batam, Indonesia		
		Muhammad Ghazali	Politeknik Negeri Batam, Indonesia		
	<b>Break</b>				
	13.15 - 13.30	Muchammad Fajri Amirul, Nasru	Politeknik Negeri Batam, Indonesia	Transmedia Storytelling Website-Based Children's Learning	
		Sandi Prasetyaningsih	Politeknik Negeri Batam, Indonesia		
		Anis Rahmi	Politeknik Negeri Batam, Indonesia		
		Muhammad Taufan Perdana	Politeknik Negeri Batam, Indonesia		
13.30 - 13.45	Yeni Riska Pratiwi	Politeknik Negeri Batam, Indonesia	Autonomous Navigation System Using Indoor GPS on Turtlebot Burger Robot		
	Hendawan Soebhakti	Politeknik Negeri Batam, Indonesia			
	Rahel Yulianti	Politeknik Negeri Batam, Indonesia			
	Faiz Albar Risi	Politeknik Negeri Batam, Indonesia			

Moderator: Muhammad Prihadi Eko Wahyudi, S.T., M.T.

	10.15 - 10.30	Faiz Albar Risi	Politeknik Negeri Batam, Indonesia	Auto Parking System with LiDAR and Reflective Tape for Turtlebot3 Burger Robot
		Hendawan Soebhakti	Politeknik Negeri Batam, Indonesia	
		Yeni Riska Pratiwi	Politeknik Negeri Batam, Indonesia	

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7A		Rahel Yulianti	Politeknik Negeri Batam, Indonesia		
	10.30 - 10.45	Mohamad Nasyir Tamara	Politeknik Elektronika Negeri Surabaya & EEPIS, Indonesia	System Design of Warehouse Management AGV for Packages Sorting in Supporting Industry of E-Commerce	
		Abdurahman Dwijotomo	Politeknik Negeri Batam, Indonesia		
	10.45 - 11.00	Budiana Budiana	Politeknik Negeri Batam, Indonesia	Study of Corrosion Rate at Aluminum Duralumin with YCbCr Filter Method	
		Nibras Fitri Zuhra	Politeknik Negeri Batam, Indonesia		
		Dylla Tri Kusuma P	Politeknik Negeri Batam, Indonesia		
		Putri Rahmatika Viani	Politeknik Negeri Batam, Indonesia		
		Muhammad Lathief Ansarullah	Politeknik Negeri Batam, Indonesia		
	<b>Break</b>				
	13.15 - 13.30	Daniel Pamungkas	Politeknik Negeri Batam, Indonesia	K-NN with Frequency Domain Features for Identify Fingers Movement	
13.30 - 13.45	Anggi Pratiwi	Politeknik Negeri Batam, Indonesia	The Influence of Emotional Intelligence, Availability of Information Technology, Application of E-Learning, Class Size, and Machiavellism on Accounting Student Online Learning Outcomes		
	Alfonsa Dian Sumarna	Politeknik Negeri Batam, Indonesia			