

BEST 2023

PARALLEL SESSION

Each participant must present their paper within 10 minutes and allocate 5 minutes for questions and answers.

Breakout room A (Moderator Bobby Kurniawan)

No	Time	Authors	Paper
1	13:00-13:15	Mohamad Shofa	Fire Evacuation Simulation In School Buildings Using Discrete Event Simulation
2	13:15-13:30	I Gusti A. Friskayani, Lely Herlina, Yusraini Muharni, Bobby Kurniawan, Muhammad A. Ilhami and Shanti K. Anggraeni	Proposed Management of Nata de Coco Production Waste with Green Productivity (Case Study in UKM Usaha Tani Lebak)
3	13:30-13:45	Supriyanto Praptodiyono, Irma Saraswati and Sidiq Tri Kusuma	Design and Development of an Automatic Control System for Pakcoy Plant Parameters in Hydroponic NFT
4	13:45-14:00	Nidya Chitraningrum, Sri Dessy Siswanti, Dina Herdiana, Anton Prasetiawan, Lies Banowati, Kahlil Muchtar and Indra Sakti	Design and Development of Aircraft Cargo Fire Early Detection Simulation System Using Arduino Nano Microcontroller
5	14:00-14:15	Abdul Aziz and Mukhtar Mukhtar	Effect of Quench Temper and Annealing to The Mechanical Properties and Microstructure of Stainless Steel for Electronic Application

Breakout room B (Moderator Hartono)

No	Time	Authors	Paper
1	13:00-13:15	Sri Kliwati, Romi Wiryadinata, Imamul Muttakin, Haris Setyawan, Rustamaji Rustamaji and Wahyu Widada	Static and Dynamic GPS Receiver Verification Tests Using Software Defined Radio
2	13:15-13:30	Sigit Pranowo Hadiwardoyo, Ahmad Septiawan, Jachrizal Sumabrata and Riana Herlina Lumingkewas	Contribution of Nano Crumb Rubber to the rheological characteristics of Modified Buton Rock Asphalt
3	13:30-13:45	M. Reza Ramadhon, Didik Aribowo and Bagus Dwi Cahyono	Microstrip Antenna Design For Use In 4g Communication Network Systems
4	13:45-14:00	Putu Doddy Heka Ardana, I Ketut Soriarta and Muhammad Affandi	Analysis of Groundwater Level Fluctuations and Groundwater Quality in Alluvial Aquifers at Bena Village, Bali Province, Indonesia
5	14:00-14:15	Irma Saraswati, Muhamad Fikri Dzaky and Heri Haryanto	Prototype of Blood Sugar Measuring Instrument with Non Invasive Method using Near Infrared
6	14:15-14:30	Enden Mina, Woelandari Fathonah, Rama Indera Kusuma and Alberto Dwi Vindo	Soil Stabilization Using Eggshell Powder and Its Effect on Unconfined Compressive Strength (UCS) Value

Breakout room C (Moderator Sidik Susilo)

No	Time	Authors	Paper
1	13:00-13:15	Sidik Susilo, Erny Listijorini, Ceri Ahendyarti, Ilham Febrianto, and Akhmad Adhiwindoro	Preliminary Study-Design of a Piezoelectric Floor Energy Harvester
2	13:15-13:30	Mafaz Setyawan	Solvent Recovery from Industrial Paint Waste using Batch Distillation : The Effect of Temperature
3	13:30 - 13:45	Arbi Parianta Lukman, Muhammad Oka Mahendra and Muhammad Rafli Yudzan	The Relationship Model Between Road Surface Roughness and Functional Condition Values of the Road Surface Using Indeks Kondisi Perkerasan (IKP) Method And International Roughness Index (IRI) With Roadroid Application
4	13:45– 14:00	Mukhtar and Faula Arina	Application of Big Data, Internet of Things, and Unsupervised Learning in Smart Farming to Predict Seaweed Drying Data
5	14:00– 14:15	Muhammad Rifki Syaputra, Hilal Hamdi, Sidik Maulana Permana, Nina Arlofa and Tiur Elysabeth	Application of Activated Carbon/TiO ₂ Composite for Ammonia Degradation from Leaching Process in Methyl Iso Cyanate Production at PT. XYZ
6	14:15-14:30	Rudy yoga lesmana, Reza zulfikar akbar, dan Amelia faradila	Analysis Of Vehicle Emissions Due To Traffic On The Tambun Bungai Street Palangka Raya