

PARALLEL SESSION

Virtual Room 1

Platform: WEBEX

Chairperson

Ts. Dr Siti Zura A.Jalil

Co-chair

Ts. Dr. Sharifah Alwiah Syed Abd Rahman

Agenda

Time	Author	Paper Title
2:00 pm	AZIZUL AZIZAN Universiti Teknologi Malaysia	A Mini-Review on Image Pre-processing Technique for Vehicle Counting System using Open-CV
2:20 pm	NOUAR ALDAHOUL Multimedia University, Malaysia	Automatic Recognition and Sorting of Fruits and Vegetables utilizing Object Detection
2:40 pm	GINA PURNAMA INSANY Sampoerna University, Indonesia	Determining Indoor User Location Accuracy using Signal IEEE 802.11
3:00 pm	FAWAD SALAM KHAN Universiti Tun Hussein Onn Malaysia	Deep Reinforcement Learning Based UAV Control Using 3d Hand Pose Tracking
3:20pm	LIM SOON ENG Universiti Tenaga Nasional, Malaysia	Hardware impact performance on machine learning results using Darknet and You Only Look Once (YOLO)
3:40 pm	NUGRAHA Sampoerna University, Indonesia	Real-time Crime Statistics and its Visualization for Easy Access of Meaningful Information to the Public
4:00 pm	NOR HAFIZAH NGAJIKIN Universiti Tun Hussein Onn Malaysia	UV Vis IR Light Penetration Analysis using Beam Propagation Method
4:20 pm	MUHAMMAD IKHSAN THOHIR Sampoerna University, Indonesia	Map Visualization Based on Geospatial Data to Ease the Search for Missing Persons in Isolated Areas

***NOTE:** Presentation – 15 mins; Q&A – 5 mins.

PARALLEL SESSION

Virtual Room 2

Platform: WEBEX

Chairperson

Dr. Sahnius Usman

Co-chair

Ts. Dr. Siti Armiza Mohd Aris

Agenda

Time	Author(s)	Paper Title
2:00 pm	NURUL AMIRAH BINTI MASHUDI Universiti Teknologi Malaysia	A Review on Iris Recognition in Non-Cooperative Environment
2:20 pm	SUSAMA BAGCHI Universiti Tun Hussein Onn Malaysia	Development of a Computer-aided Detection System for Breast Cancer Diagnosis and Lesion Detection in Mammogram using Deep Convolutional Neural Network
2:40 pm	MUHAMMAD SAMER SALLAM International Islamic University Malaysia	Development of An Ensemble Transfer Learning-Based Convolutional Neural Networks Model for Grading of Diabetic Retinopathy
3:00 pm	ZAENAL ALAMSYAH Sampoerna University, Indonesia	Optimizing the Path finding for Disaster Emergency Route in an Augmented Reality Based Mobile System Using GPS Tracking and A-Star Algorithm
3:20 pm	NABILAH BINTI IBRAHIM Universiti Tun Hussein Onn Malaysia	Frequency-Phase Analysis for Automatically Assessment of Carotid Artery Wall Thickness
3:40 pm	M. ANTON PERMANA Sampoerna University, Indonesia	Prediction of Decreasing Crime Rate by Text Mining on Social Media using KNN, NAIVE BAYES and CNN
4:00 pm	SADDAM HASAN RAHEEMAH Kut Technical Institute, Baghdad	Prediction Control System in Manufacturing by Applying Image Processing Technique

***NOTE:** Presentation – 15 mins; Q&A – 5 mins.