


WCOSSET 2021

World Congress on Science, Engineering and Technology 2021

March 8 – 13, 2021 | Cisco Webex®


Fakulti
 Kejuruteraan Mekanikal

THE INTERNATIONAL CONFERENCE ON ROBOTICS & INTELLIGENT SYSTEM 2021 (ICRIS 2021)


Conference date and time: March 11, 2021 | 2:00PM – 3:30PM

Link to presentation room: <https://tinyurl.com/mxztt32h>
Technical Person-in-Charge: Siti Aisyah

icris.fkm@gmail.com


PROGRAM FOR SESSION 1

Chairpersons:

 Dr. Sukarnur bin Che Abdullah (sukarnur@uitm.edu.my)

 Dr. Rozina binti Abdul Rani (rozina7370@uitm.edu.my)

02:00 pm – 02:15 pm	Analysis of Dynamic Motion Distance Measurements Detection in 3-Axis for Binocular Vision <u>Mohamad Dzulhelmy Amari</u> , Muhammad Azmi Ayub, Tan Khai Jern and Mohd Hanafiah Yusoff <i>Faculty of Mechanical Engineering, Universiti Teknologi MARA (UiTM) Shah Alam</i> <i>UOWMKDU University College</i>
02:15 pm – 02:30 pm	The Learning Algorithms in Neural Network Technique for Human Gait Cycle Prediction <u>Ainim Sofia Fauzilan</u> , <u>Adi Izhar Che Ani</u> , Shabinar Abd Hamid, Saiful Fadzli Salian and Samsul Setumin <i>Faculty of Electrical Engineering, Universiti Teknologi Mara (UiTM) Cawangan Pulau Pinang</i>
02:30 pm – 02:45 pm	Optical Flow Method for Feature Extraction of Lung Cancer Nodule in CT Scan Images <u>Mursyidah Madidah Muhammad Isa</u> , <u>Mohd Firdaus Abdullah</u> , Siti Noraini Sulaiman, Muhammad Khusairi Osman, Noor Khairiah A. Karim, Samsul Setumin, Ibrahim Lutfi Shuaib and Adi Izhar Che Ani <i>Universiti Teknologi MARA (UiTM), Advanced Medical And Dental Institute (IPPT), Universiti Sains Malaysia (USM)</i>

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 Universiti Teknologi MARA
 40450 Shah Alam,
 Selangor Darul Ehsan
 Tel: 03-55435161


02:45 pm – 03:00 pm	<p>The Effect of Network Depth in Neural Network for Human Gait Cycle Prediction Durratul Nasihah Rashidi, <u>Adi Izhar Che Ani</u>, Saiful Fazli Salian, Mohammad Nizam Ibrahim and Mohd Firdaus Abdullah <i>Faculty of Electrical Engineering, Universiti Teknologi Mara (UiTM) Cawangan Pulau Pinang</i></p>
03:00 pm – 03:15 pm	<p>Survivable Routing in Interdependent Power-Optical Networks <u>Farabi Iqbal</u>, Arnidza Ramli, Yusof Noor, Nadiatulhuda Zulkifli and Abu Sahmah Mohd Supaat <i>School of Electrical Engineering, Faculty of Engineering, Universiti Teknologi Malaysia (UTM)</i></p>
03:15 pm – 03:30 pm	<p>Calibration Method for Flap Structure of Macrofluidic Airflow Sensor <u>Hanafiah Yusoff</u>, Sukarnur Che Abdullah, Mohamad Dzulhelmy Amari and Nasraan Shah Mohamed Nasser <i>Kolej Vokasional Seri Manjung Faculty of Mechanical Engineering, Universiti Teknologi MARA (UiTM) Shah Alam Universiti Teknikal Malaysia Melaka (UTeM)</i></p>


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Conference date and time: March 11, 2021 | 3:45PM – 5:15PM

Link to presentation room: <https://tinyurl.com/28v5949m>
Technical Person-in-Charge: Siti Aisyah

icris.fkm@gmail.com


PROGRAM FOR SESSION 2

Chairpersons:

 Dr. Mohammad Azzeim bin Mat Jusoh (m_azzeim@uitm.edu.my)

 Dr. Abdul Malek bin Abdul Wahab (abdmalek@uitm.edu.my)

03:45 pm – 04:00 pm	Algorithm of Remote AR-Monitoring 3D Visualization Simulation for A Conveyor System in Real-Time Siti Aisyah Jaafar, Mohammad Azzeim Mat Jusoh, Hasif Huzair Rajalah and Muhamad Afiq Hakim Muhamad Affandi <i>Faculty of Mechanical Engineering, Universiti Teknologi MARA (UiTM) Shah Alam</i>
04:00 pm – 04:15 pm	Weed Detection in Young Palm Oil Crops using Artificial Neural Network Fadzil Ahmad <i>Faculty of Electrical Engineering, Universiti Teknologi Mara (UiTM) Cawangan Pulau Pinang</i>
04:15 pm – 04:30 pm	Development of Double Iteration Sobel (DIS) for Edge Identification in Surface Features Segmentation Mohd Fauzi Ismail, Ainaa Farhanah Mohd Razali and Nor Athirah Roslan <i>Faculty of Mechanical Engineering, Universiti Teknologi MARA (UiTM) Shah Alam</i>

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04:30 pm – 04:45 pm	<p>The Needs of the Community Sports Information System in the Industrial 4.0 Widiyanto Widiyanto, Glady Sukma Perdana, <u>Kukuh Wahyudin Pratama</u> and Aida Mustapha <i>Sport Science Department, Sport Science Faculty, Yogyakarta State University</i> <i>Sport Management Department, Centre for Sport and Exercise Sciences, University of Malaya (UM)</i> <i>Faculty of Applied Sciences and Technology Universiti Tun Hussein Onn Malaysia (UTHM)</i></p>
04:45 pm – 05:00 pm	<p>Development of Surface Reversal Algorithm for Datum Error Identification In Surface Topography Characterization <u>Mohd Fauzi Ismail</u>, Nor Athirah Roslan and Ainaa Farhanah Mohd Razali. <i>Faculty of Mechanical Engineering, Universiti Teknologi MARA (UiTM) Shah Alam</i></p>
05:00 pm – 05:15 pm	<p>Optimization of the Material Handling System in Adapting the Real-Time AR Simulation <u>Hasif Huzair Rajalah</u>, Siti Aisyah Jaafar, Mohammad Azzeim Mat Jusoh and Sukarnur Abdullah <i>Faculty of Mechanical Engineering, Universiti Teknologi MARA (UiTM) Shah Alam</i></p>