

Date : August 6, 2024
 Session : 1
 Location : Room 1 (Titanium 7)
 Track : 01. [IES-ETA] Power Engineering and Energy Technology
 Moderator : Dr. Teguh Hady Ariwibowo

No	Time	Paper ID	Paper Title	Authors
1	13.30 - 13.45	1571036535	Voltage Regulation Optimization of a Modified Seven-Level Packed U-Cell Inverter with Mamdani Fuzzy Logic	Trendy Bryant Jaya Gemilang, Moh. Zaenal Efendi, Novie Ayub Windarko, Faizulddin Ebrahimi and Moch Rafi Damas Abdilla (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	13.45 - 14.00	1571036784	Thermodynamic Analysis of Battery Thermal Management System in Electric Van for Tropical Climate: A Preliminary Study	Arya Rafi Abrari and Teguh Hady Ariwibowo (Politeknik Elektronika Negeri Surabaya, Indonesia); Dadet Pramadihanto (PENS, Indonesia); Nu Rhahida Arini (Politeknik Elektronika Negeri Surabaya, Indonesia); Raden Sanggar Dewanto (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia)
3	14.00 - 14.15	1571026701	Thermal Analysis of Vapor-phase R1234yf flow inside horizontal Helical Discrete Double Inclined Ribs Tubes	Teguh Hady Ariwibowo, Arrad Ghani Safitra and Fachry Yusuf Zakafi (Politeknik Elektronika Negeri Surabaya, Indonesia); Salsabila Adinda Imaniar and Dwi Berninda Pratiwi (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)
4	14.15 - 14.30	1571036929	The Effect of Co-Rotating Twin Turbines on Mooring Line Tension in Quad-Spar Tidal Current Power Plant	Sony Junianto and Suci Rindya Kaswarie (Politeknik Elektronika Negeri Surabaya, Indonesia); Wisnu Wardhana (Institut Teknologi Sepuluh Nopember, Indonesia); Wahyu Nur Fadilah, Nu Rhahida Arini and Joke Pratilastiarso (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	14.30 - 14.45	1571026967	Series Double Flyback Converter for Power Factor Correction to Multi-Output Battery Charger Using Fuzzy Logic Controller	Salsabila Nadia Putri (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Moh. Zaenal Efendi and Rachma Prilian Eviningsih (Politeknik Elektronika Negeri Surabaya, Indonesia)
6	14.45 - 15.00	1571039723	Procedure of Structural Analysis on Steam Turbines in Various Loads for Early Fatigue Failure Detection	Nu Rhahida Arini and Fahrurnnas (Politeknik Elektronika Negeri Surabaya, Indonesia)
7	15.00 - 15.15	1571025233	Modified Grasshopper Optimization Improved Maximum Power Point Tracking in Partially Shaded Photovoltaic Conditions	Muhammad Alfin Nurhidayat (Politeknik Elektronika Negeri Surabaya & PENS, Indonesia); Moh. Zaenal Efendi and Rachma Prilian Eviningsih (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 6, 2024
 Session : 2
 Location : Room 1 (Titanium 7)
 Track : 01. [IES-ETA] Power Engineering and Energy Technology
 Moderator : Dr. Teguh Hady Ariwibowo

No	Time	Paper ID	Paper Title	Authors
1	15.30 - 15.45	1571025155	Maximum Power Point Tracking on Photovoltaic System Based On Fusion Firefly Algorithm And Fuzzy Logic Controller for Charging Lead Acid Battery	Rizki Amrullah Navi (Electronic Engineering Polytechnic Institute of Surabaya & PENS, Indonesia); Eka Prasetyono, Dimas Okky Anggriawan, Suhariningsih Suhariningsih and Epyk Sunarno (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	15.45 - 16.00	1571039547	IoT-Based Real-Time Energy Monitoring System for ELVIRO EV	Muhammad Rizani Rusli, Gigih Prabowo and Luki Septya Mahendra (Politeknik Elektronika Negeri Surabaya, Indonesia); Ony Qudsi (Politeknik Elektronika Negeri Surabaya & Institut Teknologi Sepuluh Nopember, Indonesia); Fadli Atma, Moh. Budiono, Era Purwanto, Arman Jaya and Indra Ferdiansyah (Politeknik Elektronika Negeri Surabaya, Indonesia); Syechu Nugraha (Politeknik Elektronika Negeri Surabaya & Institut Teknologi Sepuluh Nopember, Indonesia)
3	16.00 - 16.15	1571025143	Interleaved Buck Converter as Current Regulator for Lithium Ion Battery Charging with Fuzzy Logic Control	Epyk Sunarno, Suhariningsih Suhariningsih, Eka Prasetyono, Mochamad Ari Bagus Nugroho and Rachma Prilian Eviningsih (Politeknik Elektronika Negeri Surabaya, Indonesia); Royan Falaqun Nizar (Politeknik Elektronika Negeri Surabaya & PENS, Indonesia)
4	16.15 - 16.30	1571036945	Grey Wolf Optimizer-Based Optimal Inner Loop Control and SRF-PLL for Grid Tie Inverter Under Low Frequency Oscillation	Ony Qudsi, Endro Wahjono, Gigih Prabowo, Era Purwanto, Syechu Nugraha, Muhammad Rizani Rusli and Arman Jaya (Politeknik Elektronika Negeri Surabaya, Indonesia); Fifi Hesty Sholihah (University of Portsmouth, United Kingdom (Great Britain) & Politeknik Elektronika Negeri Surabaya, Indonesia); Fadli Atma (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	16.30 - 16.45	1571036905	Evaluating the Effects of Constant Current C Rates on Li-Ion Battery State of Health and Charging Efficiency	Syechu Nugraha, Gigih Prabowo, Era Purwanto, Endro Wahjono, Ony Qudsi, Muhammad Rizani Rusli and Arman Jaya (Politeknik Elektronika Negeri Surabaya, Indonesia); Fifi Hesty Sholihah (University of Portsmouth, United Kingdom (Great Britain) & Politeknik Elektronika Negeri Surabaya, Indonesia); Arjun Saseno (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 6, 2024
 Session : 1
 Location : Room 2 (Titanium 8)
 Track : 05. [IES-KCIC] Knowledge Base and Engineering
 Moderator : Dr. Idris Winarno

No	Time	Paper ID	Paper Title	Authors
1	13.30 - 13.45	1571033932	The Combination Of K-Means And A* Methods For Determining The Best Route For Vegetable Sellers	Vincentius Riandaru Prasetyo, Astri Agustina Arius and Daniel Hary Prasetyo (University of Surabaya, Indonesia); Ripto Mukti Wibowo (King AbdulAziz University, Saudi Arabia); Selvia Ferdiana Kusuma (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	13.45 - 14.00	1571019463	Implementing Crowdsourcing in Smart Government: An IT Perspective Review	Tri Bintang Dewantoro, Lukito Edi Nugroho and Adhistya Erna Permanasari (Universitas Gadjah Mada, Indonesia)
3	14.00 - 14.15	1571036805	Enterprise Architecture in E-Government Application: A Systematic Literature Review	Dewa Ketut Wira Wahyu Mahendra (Gadjah Mada University, Indonesia); Selo Sulistyono and Guntur Dharma Putra (Universitas Gadjah Mada, Indonesia)
4	14.15 - 14.30	1571024642	Creating Feedback to Maintain Motivation when Doing Home Based Exercise Using Pose Estimation: Single Subject Design	Muhammad Firdaus Maulana, Yugo Okamoto and Eri Sato-Shimokawara (Tokyo Metropolitan University, Japan)
5	14.30 - 14.45	1571039138	The Queue System Of Kemplagi Community Health Center Using Decision Tree Method Based On A Website	Agus Thoriqul Mukarrom and Budi Aswoyo (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Anang Budikarso (PENS, Indonesia); I Gede Puja Astawa and Faridatun Nadziroh (Politeknik Elektronika Negeri Surabaya, Indonesia); Ida Anisah (Politeknik Elektronika Negeri Surabaya, Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia)
6	14.45 - 15.00	1571039745	Setting and Monitoring System for Motors on Rear Axle using Android Automotive Operating System	Elsy Sabrina Ramadani (Politeknik Elektronika Negeri Surabaya, Indonesia); Febby Ronaldo (Politeknik Elektronika Negeri Surabaya & PT. VKTR Teknologi Mobilitas, Indonesia); Dewi Mutiara Sari (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Dadet Pramadihanto (PENS, Indonesia)
7	15.00 - 15.15	1571036991	Mycobacterium Tuberculosis Detection on Sputum Smear Microscopic Images using Attention-Based Multi-Scale Convolutional Neural Network	Tita Karlita (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Fidis Anindya Pastika and Nana Ramadijanti (Politeknik Elektronika Negeri Surabaya, Indonesia); Ratna Kusumawati (Universitas Airlangga, Indonesia); Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia); Heny Yuniarti (Institut Teknologi Sepuluh Nopember & Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 6, 2024
 Session : 2
 Location : Room 2 (Titanium 8)
 Track : - 05. [IES-KCIC] Knowledge Base and Engineering
 - 09. [IES-KCIC] Immersive Technology and Interactive Media
 Moderator : Dr. Idris Winarno

No	Time	Paper ID	Paper Title	Authors
1	15.30 - 15.45	1571037498	Developing Web-Based Application for QR Code Digital Signatures using OpenSSL	Fariz Bagaskoro Muzakkir, Haryadi Amran Darwito and Mike Yuliana (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	15.45 - 16.00	1571035742	Comprehensive Risk Evaluation Model for Data Center Security Risk Assessment	Sayed Shoaib S Hussaini (Bandung Institute of Technology & AWCC, Indonesia)
3	16.00 - 16.15	1571036186	Motion sickness comparison of 2 XR approaches: camera+screen or hologram on transparent lens (Meta Quest 3 or Microsoft HoloLens 2)	Volodymyr Bondarenko (Dresden Technical University, Germany); Mahdi Attawna and Giang T. Nguyen (Technische Universität Dresden, Germany); Frank H.P. Fitzek (Technische Universität Dresden & ComNets - Communication Networks Group, Germany)
4	16.15 - 16.30	1571039594	Interactive Augmented Reality Simulation to Stimulate Children in Learning Robotics Arm Behaviour	Hestiasari Rante, Moh. Zicky and Muhammad Fauzan Arief (Politeknik Elektronika Negeri Surabaya, Indonesia); Iwan Syarif (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Dwi Susanto and Zakha Maisat Eka Darmawan (Politeknik Elektronika Negeri Surabaya, Indonesia); Youcef Mezouar (Université Clermont Auvergne, France); David Hill (LIMOS, France)
5	16.30 - 16.45	1571037243	Analyzing Bloom's Taxonomy to Interactions in Virtual Reality Application for Education	Hestiasari Rante, Muhammad Agus Zainuddin, Zacky Maulana Achmad, Khairunnisa' Sekar Ramadhanti and Cahyo Arissabarno (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 6, 2024
 Session : 1
 Location : Room 3 (Titanium 9)
 Track : - 04. [IES-ETA] Robotics Technology and Control Systems
 - 06. [IES-KCIC] Computational Intelligence
 Moderator : Dr. Bima Sena Bayu D

No	Time	Paper ID	Paper Title	Authors
1	13.30 - 13.45	1571037133	Fuzzy Logic Implementation to Improve the Accuracy of Ball Shoots on ERSOW's Soccer Robot	Iwan Kurnianto Wibowo, Muhamad Tri Wahyudi, Adytia Darmawan, Indra Adji Sulistijono, Febrian Tirta Wicaksono and Rahmat Sholikhin Firdaus (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	13.45 - 14.00	1571032563	Fast Foothold Planning for Quadruped Robot Locomotion using Topological Perception	Azhar Aulia Saputra (Tokyo Metropolitan University, Japan); Masaya Shoji (ROBOTIS Co., Ltd. & Advanced Institute of Industrial Technology / Tokyo Metropolitan University, Japan); Fernando Ardilla (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Naoyuki Kubota (Tokyo Metropolitan University, Japan)
3	14.00 - 14.15	1571039737	Dynamic Analysis on Forklift AGV with Center Of Gravity Method	Mohamad Nasyir Tamara (Politeknik Elektronika Negeri Surabaya & EEPIS, Indonesia)
4	14.15 - 14.30	1571037334	Design and Implementation of an Automatic Docking System on PENSHP Roboat	Muhammad Fauzi, Adytia Darmawan and Eko Henfri Binugroho (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	14.30 - 14.45	1571034667	Compact and Lightweight Foldable Umbrella Heatshield for CanSat-Scale Planetary Probes Lander Mission	Zulfikar Davbi Mahendra Fasya and Hendhi Hermawan (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Nofria Hanafi (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Muhammad Reza Pratama, Artaka Sunu Adhi Prasetya and Muhammad Fahrizal (Politeknik Elektronika Negeri Surabaya, Indonesia)
6	14.45 - 15.00	1571024997	Stroke Disease Classification Using CT Scan Image with Vision Transformer Method	Alfian Prisma Yopiangga (Politeknik Elektronika Negeri Surabaya, Indonesia); Tessy Badriyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Iwan Syarif (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Nur Sakinah (Politeknik Negeri FakFak, Indonesia)
7	15.00 - 15.15	1571037046	Seat Occupancy Detection in Electric Vehicles: Unveiling Passenger Presence through Overlap Area Analysis	Alivia Haris (Politeknik Elektronika Negeri Surabaya, Indonesia); Alfian Rizaldy Pratama (Universitas Pembangunan Nasional Veteran Jawa Timur, Indonesia); Bima Sena Bayu Dewantara (Politeknik Elektronika Negeri Surabaya, Indonesia); Dadet Pramadihanto (PENS, Indonesia)

Date : August 6, 2024
 Session : 2
 Location : Room 3 (Titanium 9)
 Track : 06. [IES-KCIC] Computational Intelligence
 Moderator : Dr. Bima Sena Bayu D

No	Time	Paper ID	Paper Title	Authors
1	15.30 - 15.45	1571025093	Prediction of Length of Stay in Hospital Using Hyperparameter Optimization in the Convolutional Neural Networks Method	Muh. Arga Swara Iskandar (Politeknik Elektronika Negeri Surabaya, Indonesia); Tessa Badriyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Iwan Syarif (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
2	15.45 - 16.00	1571037329	Performance Evaluation of YOLO-Based Deep Learning Models for Real-Time Armour Unit Detection with Image Pre-processing Method	Firmansyah Putra Pratama (Politeknik Elektronika Negeri Surabaya, Indonesia); Alfian Rizaldy Pratama (Universitas Pembangunan Nasional Veteran Jawa Timur, Indonesia); Dewi Mutiara Sari (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Bayu Sandi Marta (Politeknik Elektronika Negeri Surabaya, Indonesia); Haryo Dwito Armono (Institut Teknologi Sepuluh Nopember, Indonesia)
3	16.00 - 16.15	1571037076	Implementation of YOLO Algorithm on Raspberry Pi for Automated PCB Quality Inspection	Imaduddin Abdul Ghany and Zaqiatud Darojah (Politeknik Elektronika Negeri Surabaya, Indonesia); Nunik Hariadi Putri (Surabaya State Electronics Polytechnic, Indonesia); Adytia Darmawan and Novian Fajar Satria (Politeknik Elektronika Negeri Surabaya, Indonesia)
4	16.15 - 16.30	1571037097	Hybrid LSTM - SVM Method for Harvesting Prediction in Densely Populated Paddy Fields	Ahmad Miqdad (Politeknik Elektronika Negeri Surabaya, Indonesia); Prima Kristalina and Aries Pratiarso (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
5	16.30 - 16.45	1571039412	Estimation of Rice Field Area Using YOLO Method to Support Smart Agriculture System	Zenino Ega Maretanio and Mochammad Zen Samsono Hadi (Politeknik Elektronika Negeri Surabaya, Indonesia); Prima Kristalina and Aries Pratiarso (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
6	16.45 - 17.00	1571037138	Classifying Personality Traits from Text Data: A Machine Learning Approach Using Stochastic Gradient Descent for Simplified Jungian Typology-Based Assessment Tool	Tri Hadiyah Muliawati (Politeknik Elektronika Negeri Surabaya, Indonesia); Tirta Rummy Swandaru (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Entin Martiana Kusumaningtyas (Politeknik Elektronika Negeri Surabaya - Indonesia, Indonesia); Iqbal Bimantoko (Community Health Center Balas Klumprik Surabaya, Indonesia)

Date : August 6, 2024
 Session : 1
 Location : Room 4 (Titanium 10)
 Track : 07. [IES-KCIC] Applied-Computing Sciences
 Moderator : Prof. M. Udin Harun Al Rasyid

No	Time	Paper ID	Paper Title	Authors
1	13.30 - 13.45	1571005620	Prototype of Monitoring and Automation Systems of the Furnace in the Fire Laboratory	Unan Y Oktiawati (Universitas Gadjah Mada, Indonesia); Muhammad Nur Fajri Alfata (Ministry of Public Works and Housing, Indonesia)
2	13.45 - 14.00	1571024700	Implementation of Dynamic Art Curation Engine in Global Art Collection Archive	Yosuke Tsuchiya (Musashino University & Ishibashi Foundation, Japan); Naoki Ishibashi (Musashino University, Japan)
3	14.00 - 14.15	1571037089	Portable Device for Supporting Fertilizer Recommendation System in Smart Agriculture	Rara Widya Paramartha Hapsari and Mochammad Zen Samsono Hadi (Politeknik Elektronika Negeri Surabaya, Indonesia); Prima Kristalina (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
4	14.15 - 14.30	1571037280	Implementation of Face Recognition Using Deep Metric Learning for Automatic Door Openers	Muhammad Zaid Abdillah and M. Udin Harun Al Rasyid (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	14.30 - 14.45	1571039520	Implementation of Automatic Proctoring in Online Exam System	Akhmad Alimudin and Wiratmoko Yuwono (Politeknik Elektronika Negeri Surabaya, Indonesia); Widi Sarinastiti (Electronic Engineering Polytechnic Institute of Technology, Indonesia); Aliv Faizal Muhammad (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Idris Winarno and Rachmat Santoso (Politeknik Elektronika Negeri Surabaya, Indonesia); Citra Murdaningtyas (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Muhajirin Ida Ilyas (Politeknik Elektronika Negeri Surabaya, Indonesia & PT. Digital Entropy Venture, Indonesia); Muhammad Reza Muktasib (Politeknik Elektronika Negeri Surabaya, Indonesia)
6	14.45 - 15.00	1571037055	Heart Disease Detection from PSAX Echocardiography View using Ultrasound Portable Based on Machine Learning Method	Jovan Josafat Jaenputra, Riyanto Sigit and Tri Harsono (Politeknik Elektronika Negeri Surabaya, Indonesia); Abraham Ahmad Ali Firdaus (Universitas Nahdlatul Ulama Surabaya, Indonesia)
7	15.00 - 15.15	1571036565	Dengue Fever Vulnerability Prediction Using Integrated Moving Average - Hierarchical Clustering	Silfiana Nur Hamida (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Arna Fariza (Politeknik Elektronika Negeri Surabaya, Indonesia); Tessy Badriyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Arif Basofi (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 6, 2024
 Session : 2
 Location : Room 4 (Titanium 10)
 Track : 07. [IES-KCIC] Applied-Computing Sciences
 Moderator : Prof. M. Udin Harun Al Rasyid

No	Time	Paper ID	Paper Title	Authors
1	15.30 - 15.45	1571039630	Cutlery Detection System With Camera and Yolov5	Gita Agraini Manullang, Setiawardhana Setiawardhana and Bima Sena Bayu Dewantara (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	15.45 - 16.00	1571037166	Bidirectional Long Short-Term Memory Method for Weather Prediction in Terms of Evacuation of River Drifting Victims	Arin Kusuma Wardani (Politeknik Elektronika Negeri Surabaya, Indonesia); Prima Kristalina (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Mochammad Zen Samsono Hadi (Politeknik Elektronika Negeri Surabaya, Indonesia); Aries Pratiarso (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
3	16.00 - 16.15	1571039736	A Cloud-Centric Application for Elderly Heart Disease Detection with Machine Learning and Confusion Matrix	Rafly Arief Kanza (Politeknik Elektronika Negeri Surabaya, Indonesia); M. Udin Harun Al Rasyid (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Sritrusta Sukaridhoto (Politeknik Elektronika Negeri Surabaya, Indonesia); Budi Utomo and Shifa Fauziah (Universitas Airlangga, Indonesia); Grezio Arifiyan (Institut Teknologi Sepuluh Nopember & Politeknik Elektronika Negeri Surabaya, Indonesia)
4	16.15 - 16.30	1571037914	Exploring Crowdsourced Data Validation Methods for Flood Mitigation: A Comprehensive Review	Widi Sarinastiti (Electronic Engineering Polytechnic Institute of Technology, Indonesia); Rengga Asmara and Ashafidz Dianta (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	16.30 - 16.40	Poster 1	Data-Driven Optimal Trajectory Generation for Rotary Cranes	Iskandar Khemakhem, Johannes Schüle, Naoki Uchiyama, Oliver Sawodny
6	16.40 - 16.50	Poster 2	Function Parameterized Optimal Control in Mobile Robots	Fabian Friz

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 Session : 1
 Location : Room 1 (Titanium 7)
 Track : 01. [IES-ETA] Power Engineering and Energy Technology
 Moderator : Dr. Teguh Hady Ariwibowo

No	Time	Paper ID	Paper Title	Authors
1	11.00 - 11.15	1571025036	Dynamic Voltage Restorer With Direct AC-AC Controller Using H-Bridge Bidirectional Switch Topology to Mitigate Voltage Sag and Swell	Pangestu Nugroho (Politeknik Elektronika Negeri Surabaya & PENS, Indonesia); Dimas Okky Anggriawan, Mochamad Ari Bagus Nugroho, Eka Prasetyono and Epyk Sunarno (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	11.15 - 11.30	1571028054	Detection of Series AC Arc Fault Based on Continuous Wavelet Transform and Artificial Neural Network Under Voltage Variation Disturbances	Dimas Okky Anggriawan (Institut Teknologi Sepuluh Nopember); Ardyono Priyadi (ITS, Indonesia); Margo Pujiantara (Institut Teknologi Sepuluh Nopember, Indonesia); Mauridhi Hery Purnomo (Institut of Technology Sepuluh Nopember, Indonesia)
3	11.30 - 11.45	1571027386	Design and Implementation Mountaineering Team-Based Optimization Algorithm for MPPT on Partial Shading Conditions	Rifqi Noviantono Prakoso, Moh. Zaenal Efendi and Muhammad Nizar Habibi (Politeknik Elektronika Negeri Surabaya, Indonesia)
4	11.45 - 12.00	1571039582	Airfoil profile modification base on Bezier Curve and Optimization using PSO	Mochammad Arif Fatchulloh and Nu Rhahida Arini (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	12.00 - 12.15	1571024999	A Thermal Investigation of heat sink with dimple in Battery Cooling for Electric Motorbike Application	Muhammad Aghist Fitrony, Teguh Hady Ariwibowo, Muhammad Rizani Rusli and Eko Henfri Binugroho (Politeknik Elektronika Negeri Surabaya, Indonesia); Dadet Pramadihanto (PENS, Indonesia)

Date : August 7, 2024
 Session : 2
 Location : Room 1 (Titanium 7)
 Track : 03. [IES-ETA] Telecommunication Engineering Technology
 Moderator : Prof. Amang Sudarsono

No	Time	Paper ID	Paper Title	Authors
1	14.00 - 14.15	1571019952	Time-Frequency Analysis and Setting Motion Activity Detection of Volleyball Motion Signals for Set-Play Classification	Gregory Lou V. Parcon (De La Salle University, Philippines); Ronald M. Pascual (De La Salle University & FEU-East Asia College, Philippines)
2	14.15 - 14.30	1571039321	Reliability Study of TDoA-based Emission Localization in Using Simple RTL-SDRs	Titon Dutono, Nur Achmad Junaedi, Tri Budi Santoso, Rini Satiti, Paramita Wahyu Eka Lestari and Nur Audra Irsyad (Politeknik Elektronika Negeri Surabaya, Indonesia)
3	14.30 - 14.45	1571037149	Performance Analysis of Terrestrial Radio Signal Receiver Using RTL-SDR GNU Radio Based on Raspberry Pi	Citra Ati Finalis and I Gede Puja Astawa (Politeknik Elektronika Negeri Surabaya, Indonesia); Budi Aswoyo (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Faridatun Nadziroh (Politeknik Elektronika Negeri Surabaya, Indonesia); Anang Budikarso (PENS, Indonesia); Ida Anisah (Politeknik Elektronika Negeri Surabaya, Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia)
4	14.45 - 15.00	1571039693	Performance Analysis of Physical Layer Key Generation (PLKG) Scheme in Static Environment-based LoRa	Mike Yuliana (Politeknik Elektronika Negeri Surabaya, Indonesia); Aodry Ardhana (Politeknik Elektronika Negeri Surabaya, Indonesia); Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Bambang Sumantri (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	15.00 - 15.15	1571039640	Performance Analysis of ADSB Signal Receiver SDR for Low Cost ADSB Mini Radar	Hadid Malik and I Gede Puja Astawa (Politeknik Elektronika Negeri Surabaya, Indonesia); Budi Aswoyo (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Anang Budikarso (PENS, Indonesia); Ida Anisah (Politeknik Elektronika Negeri Surabaya, Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia); Faridatun Nadziroh (Politeknik Elektronika Negeri Surabaya, Indonesia)
6	15.15 - 15.30	1571037339	Combining Clipping and Channel Coding for Effective PAPR Reduction in OFDM System with GNU Radio-USRP	Aliefia Ningtyas Tuti, I Gede Puja Astawa and Faridatun Nadziroh (Politeknik Elektronika Negeri Surabaya, Indonesia); Anang Budikarso (PENS, Indonesia); Budi Aswoyo (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Melki Mario Gulo (Politeknik Elektronika Negeri Surabaya, Indonesia)
7	15.30 - 15.45	1571036348	An Efficient Authentication System to Access Electric Vehicle Data in The Cloud Based on Identity Role-based Access Control	Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Rahardhita Sudibyo, Idris Winarno and Mike Yuliana (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 7, 2024
 Session : 1
 Location : Room 2 (Titanium 8)
 Track : 04. [IES-ETA] Robotics Technology and Control Systems
 Moderator : Dr. Bima Sena Bayu D

No	Time	Paper ID	Paper Title	Authors
1	11.00 - 11.15	1571038270	Smart Cat Litter Box with Ammonia Gas Level Controller using IoT-Based Fuzzy Logic	Ali Suhud (Politeknik Elektronika Negeri Surabaya, Indonesia); Nofria Hanafi (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Didik Purnomo (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	11.15 - 11.30	1571037346	Rapid Goalpost Detection through Candidate Generation and Hough Transform in Humanoid Soccer Robots	Shalahuddin Aditya Aji, Erlangga Yudi Pradana, Muhammad Amir Abdulrozaq and Anhar Risnumawan (Politeknik Elektronika Negeri Surabaya, Indonesia); Endra Pitowarno (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Aris Sudaryanto, AS (Politeknik Elektronika Negeri Surabaya, Indonesia)
3	11.30 - 11.45	1571037132	Precise Long Passing Skill on Middle Size League Robot Soccer ERSOW Using Teammate Detection and Pivot Motion	Rohman Aditya, Mochamad Mobed Bachtiar, Iwan Kurnianto Wibowo, Dana Yoga Setya Ikhwandhi, Febrian Tirto Wicaksono and Septian Bagus Jumentoro (Politeknik Elektronika Negeri Surabaya, Indonesia)
4	11.45 - 12.00	1571037342	Optimizing YOLOv8 for Real-Time Performance in Humanoid Soccer Robots with OpenVINO	Erlangga Yudi Pradana, Shalahuddin Aditya Aji and Muhammad Amir Abdulrozaq (Politeknik Elektronika Negeri Surabaya, Indonesia); Ali Husein Alasiry (Politeknik Elektronika Negeri Surabaya & Institut Teknologi Sepuluh Nopember Surabaya, Indonesia); Anhar Risnumawan (Politeknik Elektronika Negeri Surabaya, Indonesia); Endra Pitowarno (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)
5	12.00 - 12.15	1571037172	Integrating LiDAR-Based Collision Avoidance on AMR-T for Advancing Operational Safety	Riska Amalia Nurjanah and Dedid Cahya Happyanto (Politeknik Elektronika Negeri Surabaya, Indonesia); Ardik Wijayanto (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia)
6	12.15 - 12.30	1571037295	Integrated Footstep Planning and CoM Control for Enhanced Stability and Maneuverability in EROS Humanoid Robot	Teuku Zikri Fatahillah, Bianca Surya Nobelia and Anhar Risnumawan (Politeknik Elektronika Negeri Surabaya, Indonesia); Ali Husein Alasiry (Politeknik Elektronika Negeri Surabaya & Institut Teknologi Sepuluh Nopember Surabaya, Indonesia); Erlangga Yudi Pradana (Politeknik Elektronika Negeri Surabaya, Indonesia); Candra Kusuma Wijaya (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia)

Date : August 7, 2024
 Session : 2
 Location : Room 2 (Titanium 8)
 Track : 06. [IES-KCIC] Computational Intelligence
 Moderator : Dr. Selvia Ferdiana Kusuma

No	Time	Paper ID	Paper Title	Authors
1	14.00 - 14.15	1571024973	YOLOv8-Based Segmentation and 3D Reconstruction of Alveolar Bone and Mandibular Canal in CBCT Images	Mohammad Farid Naufal (Universitas Surabaya & Institut Teknologi Sepuluh Nopember, Indonesia); Chastine Fatichah (Institut Teknologi Sepuluh Nopember, Indonesia); Eha Renwi Astuti and Ramadhan Hardani Putra (Universitas Airlangga, Indonesia)
2	14.15 - 14.30	1571025044	Multi Stage Vision Transformer for Batik Classification	Novendra Setyawan (University of Muhammadiyah Malang, Indonesia); Mas Nurul Achmadiyah (State Polytechnic of Malang, Indonesia); Chi-Chia Sun (National Taipei University, Taiwan); Kuo Wen-Kai (National Formosa University, Taiwan)
3	14.30 - 14.45	1571037094	Fast Person Detection Using YOLOX With AI Accelerator For Train Station Safety	Mas Nurul Achmadiyah (State Polytechnic of Malang, Indonesia); Novendra Setyawan (University of Muhammadiyah Malang, Indonesia); Achmad Arif Bryantono (National Formosa University, Taiwan); Chi-Chia Sun (National Taipei University, Taiwan); Kuo Wen-Kai (National Formosa University, Taiwan)
4	14.45 - 15.00	1571025119	Whale Optimization Algorithm-Based Feature Selection for Enhanced Melanoma Diagnosis	Rahmadwati Rahmadwati and Aiman Muhamad Basymeleh (University of Brawijaya, Indonesia); Panca Mudjirahardjo (Universitas Brawijaya, Indonesia)
5	15.00 - 15.15	1571037017	Design and Implementation of a Radar-Camera Fusion System for Human Detection and Its Distance Measurement	Indra Putra Mahayuda (Politeknik Elektronika Negeri Surabaya, Indonesia); Alfian Rizaldy Pratama (Universitas Pembangunan Nasional Veteran Jawa Timur, Indonesia); Bima Sena Bayu Dewantara (Politeknik Elektronika Negeri Surabaya, Indonesia); Dadet Pramadihanto (PENS, Indonesia)
6	15.15 - 15.30	1571039324	Cloud-Based Weather Prediction for Agricultural Land Using NeuralProphet	Mefita Ayu Kusumaningtyas, Mochammad Zen Samsono Hadi and Nihayatus Sa'adah (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 7, 2024
 Session : 1
 Location : Room 3 (Titanium 9)
 Track : 02. [IES-ETA] Electronics Systems and Electrics Technology
 Moderator : Dr. Ferry Astika Saputra

No	Time	Paper ID	Paper Title	Authors
1	11.00 - 11.15	1571039746	Nutritional Status Monitoring System Based on Antropometric to Support Society 5.0	Alfenia Nikmah, Okkie Puspitorini, Nur Siswandari and Ari Wijayanti (Politeknik Elektronika Negeri Surabaya, Indonesia); Arifin Arifin (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)
2	11.15 - 11.30	1571039596	Ninety days of observation on the metal electrodes of a salinity sensor for vannamei shrimp farming purposes	Muhamad Aldino Habibulloh (Politeknik Elektronika Negeri Surabaya, Indonesia); Agus Indra Gunawan (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Taufiqurrahman Taufiqurrahman and Muhammad Wafiq Kamaluddin (Politeknik Elektronika Negeri Surabaya, Indonesia)
3	11.30 - 11.45	1571039624	Implementation of Chicken Eggs Fertility Detection Device Using SSD MobileNet-V2 FPNLite	Habibi Ahmadi Muslim (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Hary Oktavianto and Rusminto Tjatur Widodo (Politeknik Elektronika Negeri Surabaya, Indonesia); Elly Purwantini (Lecturer, Indonesia); Wahjoe Tjatur Sesulihatien (Keio University & Politeknik Elektronika Negeri Surabaya, Japan)
4	11.45 - 12.00	1571025222	Experimental Approach for the Performance of a CanSat Module Based on Environmental Testing	I Made Nugi Edwika Ariwigangga (Politeknik Elektronika Negeri Surabaya, Indonesia); Nofria Hanafi (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Didik Purnomo (Politeknik Elektronika Negeri Surabaya, Indonesia); Hendhi Hermawan (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
5	12.00 - 12.15	1571038532	Design Of Underwater Vehicle Balance System Using Inertial Measurement Unit (IMU) Sensor	Mohamad Alwi Abdillah, Arrad Ghani Safitra and Adytia Darmawan (Politeknik Elektronika Negeri Surabaya, Indonesia)
6	12.15 - 12.30	1571030893	Radiation-hardened programmable two-phase clock generator	Minoru Watanabe (Okayama University, Japan)

Date : August 7, 2024
 Session : 2
 Location : Room 3 (Titanium 9)
 Track : 02. [IES-ETA] Electronics Systems and Electrics Technology & 03. [IES-ETA] Telecommunication Engineering Technology
 Moderator : Moch. Zen Samsono Hadi, Ph.D

No	Time	Paper ID	Paper Title	Authors
1	14.00 - 14.15	1571039774	Design and Implementation of Passive Autofocus Control System for Contrast Detection in Tuberculosis Microscopy Images	Heny Yuniarti (Institut Teknologi Sepuluh Nopember & Politeknik Elektronika Negeri Surabaya, Indonesia); Chastine Fatichah (Institut Teknologi Sepuluh Nopember, Indonesia); Riyanto Sigit and Ahmad Fadel Aminata (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	14.15 - 14.30	1571037244	Accident Posture Reconstruction and Analysis of a Purposed Vehicle Event Data Recorder	I Made Aditya Rama, Putra (Politeknik Elektronika Negeri Surabaya, Indonesia); Endra Pitowarno (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Zaqiatud Darojah (Politeknik Elektronika Negeri Surabaya, Indonesia)
3	14.30 - 14.45	1571039696	A Study of Mechanical Characteristics of Lubricant Oil Based on the Vehicle Mileage Using Ultrasonic Waves	Wahyu Rifki Prayoga (Politeknik Elektronika Negeri Surabaya, Indonesia); Agus Indra Gunawan (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Ardik Wijayanto (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia)
4	14.45 - 15.00	1571037282	6-Lead ECG Monitoring System for Recording Cardiac Activity Using Pan-Tompkins Algorithm	Raden Septiaji Dwilakso Utomo and Mochammad Rochmad (Politeknik Elektronika Negeri Surabaya, Indonesia); Rika Rokhana (Politeknik Elektronika Negeri Surabaya, Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia)
5	15.00 - 15.15	1571037446	Deep Learning based Channel Reciprocity Technique for Secret Key Generation	Dewi Cahyo Wulandari and Mike Yuliana (Politeknik Elektronika Negeri Surabaya, Indonesia); Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
6	15.15 - 15.30	1571037157	A Crop Recommendation System for Smart Agriculture Using Random Forest Method	Bagas Aji Tifanto, Mochammad Zen Samsono Hadi and Nihayatus Sa'adah (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 7, 2024
 Session : 1
 Location : Room 4 (Titanium 10)
 Track : 06. [IES-KCIC] Computational Intelligence
 Moderator : Dr. Idris Winarno

No	Time	Paper ID	Paper Title	Authors
1	11.00 - 11.15	1571025031	Developing Early Warning Score With Structured Methodology Using Decision Trees Based On Patients' Clinical Data	Putri Ayu Nisa Az Zahra (Politeknik Elektronika Negeri Surabaya, Indonesia); Tessy Badriyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Selvia Ferdiana Kusuma (Politeknik Elektronika Negeri Surabaya, Indonesia)
2	11.15 - 11.30	1571037129	Convolutional Neural Network Implementation with MobileNetV2 Architecture for Indonesian Herbal Plants Classification in Mobile App	Entin Martiana Kusumaningtyas (Politeknik Elektronika Negeri Surabaya - Indonesia, Indonesia); Nana Ramadijanti and Irfan Hanif Khoiru Rijal (Politeknik Elektronika Negeri Surabaya, Indonesia)
3	11.30 - 11.45	1571039304	Comparison of LSTM, RNN, and GRU Methods in Predicting Water Quality in the Totality Integrated Smart Aquaculture System	Santi S and Arna Fariza (Politeknik Elektronika Negeri Surabaya, Indonesia); Agus Indra Gunawan (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Fitriah Maharani Humaira (Politeknik Elektronika Negeri Surabaya, Indonesia)
4	11.45 - 12.00	1571025193	A Comparative Study of GRU and LSTM Time-Series Forecasting for Precise River Dam Hydrodynamic Prediction	Muhammad Arya Izzulhaq (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Rusminto Tjatur Widodo and Hary Oktavianto (Politeknik Elektronika Negeri Surabaya, Indonesia)
5	12.00 - 12.15	1571025048	Classification of Intracranial Hemorrhage Based on Ct-Scan Image with Vision Transformer (ViT) Method	Muhammad Nur Faiz (Politeknik Elektronika Negeri Surabaya, Indonesia); Tessy Badriyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Selvia Ferdiana Kusuma (Politeknik Elektronika Negeri Surabaya, Indonesia)
6	12.15 - 12.30	1571024989	Building Early Warning Scores with Statistical-Based Structured Methods on Patient Clinical Data	Setyo Aryo Pangestu and Tessy Badriyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Rosiyah Faradisa (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 7, 2024
 Session : 2
 Location : Room 4 (Titanium 10)
 Track : 06. [IES-KCIC] Computational Intelligence & 07. [IES-KCIC] Applied-Computing Sciences
 Moderator : Prof. Iwan Syarif

No	Time	Paper ID	Paper Title	Authors
1	14.00 - 14.15	1571037110	Automatic Classification of Lung Disease Based on Chest X-Ray Images Using CNN with Comparing Batch Normalization	Mega Putri Rahmawati Darta and Arna Fariza (Politeknik Elektronika Negeri Surabaya, Indonesia); Tita Karlita (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)
2	14.15 - 14.30	1571039768	A Comparative Study of Machine Learning Algorithms for Classifying Personality Type based on Carl Jung's Cognitive Function	Entin Martiana Kusumaningtyas (Politeknik Elektronika Negeri Surabaya - Indonesia, Indonesia); Tirta Rummy Swandaru (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Tri Hadiah Muliawati (Politeknik Elektronika Negeri Surabaya, Indonesia); Iqbal Bimantoko (Community Health Center Balas Klumprik Surabaya, Indonesia)
3	14.30 - 14.45	1571037095	East Java Rivers Characterization Using Analytical Hierarchical Clustering on Supporting Disaster Management System	Annisa Rassy Azzahra (Politeknik Elektronika Negeri Surabaya, Indonesia); Prima Kristalina (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Nihayatus Sa'adah (Politeknik Elektronika Negeri Surabaya, Indonesia)
4	14.45 - 15.00	1571037209	Early Detection and Classification of Cataracts Using Smartphone Imagery Based on Support Vector Machine (SVM) and Certainly Factor Methods	Tegar Dzul Fikri and Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia); Dewi Mutiara Sari (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Dyah Purwita Trianggadewi (Rumah Sakit Islam Jombang, Indonesia)
5	15.00 - 15.15	1571038373	Distributed Aerial 3D Object Mapping Reconstruction Using Message Passing Interface	Cahyo Arissabarno, Idris Winarno and Sritrusta Sukaridhoto (Politeknik Elektronika Negeri Surabaya, Indonesia)
6	15.15 - 15.30	1571037098	Drowning Victims Detection and River Classification Using Deep Learning Methods	Nur Laila Novianti (Politeknik Elektronika Negeri Surabaya, Indonesia); Prima Kristalina (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Mochammad Zen Samsono Hadi (Politeknik Elektronika Negeri Surabaya, Indonesia)

Date : August 6, 2024
 Session : 1
 Location : Zoom 1 (<https://tinyurl.com/ConferenceIES24>)
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Track : - 02. [IES-ETA] Electronics Systems and Electrics Technology
 - 03. [IES-ETA] Telecommunication Engineering Technology
 - 07. [IES-KCIC] Applied-Computing Sciences

Moderator : Dr. Mike Yuliana

No	Time	Paper ID	Paper Title	Authors
1	13.30 - 13.45	1571025078	Sentiment Analysis of Nuclear Power Plant and Nuclear Science in Indonesia Based on Platform X Using BERT, VADER, and TextBlob Methods	Halim Hamadi, Risqi Berliana Rahmantari, Aditia Pawaid, Naufal Avicena Taufiq and Muhammad Rizky Farhan (Polytechnic Institute of Nuclear Technology Indonesia, Indonesia); Aleksey G. Goryunov (National Research Tomsk Polytechnic University, Russia)
2	13.45 - 14.00	1571037544	Drug-Target Interactions Prediction Using Stacking Ensemble Learning Approach	Viko Pradana Prasetyo and Wiwik Anggraeni (Institut Teknologi Sepuluh Nopember, Indonesia)
3	14.00 - 14.15	1571001092	Smart Aquaponics with Automatic Sensors Cleaning for Zero Waste Integrated Farming System using Internet of Things	Zainul Abidin (Universitas Brawijaya, Indonesia); Atha Darari Putra, Akhmad Zainuri and Eka Maulana (Brawijaya University, Indonesia)
4	14.15 - 14.30	1571008806	IoT and Electronic System Solution for Failed Parcel Delivery Attempts	Christian Romar I. Teodosio and Febus Reidj G. Cruz (Mapua University, Philippines)
5	14.30 - 14.45	1571023663	Comparative Performance Evaluation of Line Coding Schemes for Uplink Transmission in Single and WDM Channels FSO-HAP Systems Across Varied Altitude and Weather Scenarios	Valerie Olive Suryono (Universitas Indonesia, Indonesia); Yus Natali (Universitas Telkom, Indonesia); Catur Apriono (Universitas Indonesia, Indonesia)
6	14.45 - 15.00	1571025169	Web Chat-based Application with Large Language Model and Transformers from Hugging Face for Self-Learning on Storytelling Skills	Victoria Agatha and Iwan Setyawan (Satya Wacana Christian University, Indonesia)
7	15.00 - 15.15	1571025177	Utilizing long short-term memory for precipitable water vapor prediction over the southern Philippine region	Christian David C. Aquino and Ernest P Macalalad (Mapúa University, Philippines); Joseph Bryan Ibarra (Mapua Institute of Technology, Philippines)

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 Location : Zoom 1 (<https://tinyurl.com/ConferenceIES24>)
 : - 01. [IES-ETA] Power Engineering and Energy Technology
 Track - 05. [IES-KCIC] Knowledge Base and Engineering
 - 06. [IES-KCIC] Computational Intelligence
 Moderator : Dr. Ferry Astika Saputra

No	Time	Paper ID	Paper Title	Authors
1	15.30 - 15.45	1571039784	Dynamic Priority Approach for Unit Commitment Scheduling Solution	Fiqqih Faizah (Institut Teknologi Sepuluh Nopember, Indonesia); Rifdian Indrianto Sudjoko (Institut Teknologi Sepuluh Nopember & Politeknik Penerbangan Surabaya, Indonesia); Mat Syaiin (Politeknik Perkapalan Negeri Surabaya / Shipbuilding Institute of Polytechnic Surabaya, Indonesia); Adi Soeprijanto (Institut Teknologi Sepuluh Nopember, Indonesia)
2	15.45 - 16.00	1571033393	An Improvement GWO-P&O Algorithm Based MPPT for PV System under Partial Shading Condition	Nur Fadliah Baso (Sepuluh Nopember Institute of Technology, Indonesia); Heri Suryoatmojo and Daniar Fahmi (Institut Teknologi Sepuluh Nopember, Indonesia); Novie Ayub Windarko (Politeknik Elektronika Negeri Surabaya, Indonesia)
3	16.00 - 16.15	1571038564	DC-Link Capacitor Design in Neutral Point Clamped Multilevel Inverter Utilizing Ripple Current Analysis and DC-DC Converter Control	Fifi Hesty Sholihah (University of Portsmouth, United Kingdom (Great Britain) & Politeknik Elektronika Negeri Surabaya, Indonesia)
4	16.15 - 16.30	1571037319	Predictive Modelling of Gas Turbine Emissions based on Generalized Regression Neural Network Method Approach	Rudy Winarto (Sepuluh Nopember Institute of Technology, Indonesia); Mauridhi Hery Purnomo (Institut of Technology Sepuluh Nopember, Indonesia); Wiwik Anggraeni (Institut Teknologi Sepuluh Nopember, Indonesia)
5	16.30 - 16.45	1571025097	Path Planning for 4-Wheeled Omnidirectional Cellular Conveyor using Q-Learning Algorithm	Syamsiar Kautsar (Sepuluh Nopember Institute of Technology); Aulia Siti Aisjah (Institut Teknologi Sepuluh Nopember, Indonesia); Mat Syaiin (Politeknik Perkapalan Negeri Surabaya / Shipbuilding Institute of Polytechnic Surabaya, Indonesia); Katherin Indriawati (Institut Teknologi Sepuluh Nopember Surabaya & Faculty of Industrial Technology, Indonesia); Totok Biyanto (ITS Surabaya, Indonesia)
6	16.45 - 17.00	1571035452	The Application of Monte Carlo Simulation to Assess the Value at Risk in Cryptocurrency	Nila Astiti (BINUS Business School, Bina Nusantara University, Indonesia); Dicky Hida Syahchari (BINUS University, Indonesia)

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 Session : 1
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 Meeting ID: 915 7995 0289
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 Track : - 05. [IES-KCIC] Knowledge Base and Engineering,
 - 06. [IES-KCIC] Computational Intelligence
 Moderator : Dr. Selvia Ferdiana Kusuma

No	Time	Paper ID	Paper Title	Authors
1	13.30 - 13.45	1571036943	The Influence of Self-Service Kiosks on Customer Experience in Retail Stores	Albertus Lian Wisastra, Amaganza Engwy Ardiansyah, Berren Arisandy Hermanto and Devyano Luhukay (Bina Nusantara University, Indonesia)
2	13.45 - 14.00	1571025248	Securing the Privacy of Transactions Using Blockchain: Swap Battery Framework for Massive Subsidy Electric Motorcycle in Jakarta	Tanzi Mubaroq Santoso (National Research and Innovation Agency, Indonesia); Shelvie Nidya Neyman (IPB University, Indonesia); Didi Rosiyadi, Karina Mayasita Handoyo, Topan Try Harmanda, Fajaryan Wijananto, Aan Khunaifi, Yosi Sahreza and Muhammad Rafi Juliansyah (National Research and Innovation Agency, Indonesia)
3	14.00 - 14.15	1571039780	Comparative Analysis and Optimization of Deep Learning Models for Object Detection Using Grid Search Hyperparameter Tuning	Arasy Dafa Sulistya Kurniawan, Yoga Imanda Purnama and Ardian Bagus Wicaksono (Politeknik Elektronika Negeri Surabaya, Indonesia); Haniah Mahmudah (Politeknik Elektronika Negeri Surabaya & Institut Teknologi Sepuluh Nopember, Indonesia)
4	14.15 - 14.30	1571036910	Geographical Mapping and Knowledge base Indicative Cost Estimation for Direct Air Capture CO2 Utilization	Tomoyuki Tateno (Musashino University, USA); Naoki Ishibashi and Yasushi Kiyoki (Musashino University, Japan)
5	14.30 - 14.45	1571039418	The Impact of Accountants' Perceptions of Technology Readiness and Competitive Intensity on Technology Adoption	Shindy Sulastri Br Ginting and Anderes Gui (Bina Nusantara University, Indonesia); Kevin Deniswara (Bina Nusantara University & Doctor of Research in Management, Bina Nusantara University, Indonesia)
6	14.45 - 15.00	1571037180	Resampling Effects on Imbalanced Data in Network Intrusion Classification	Fayruz Rahma (Institut Teknologi Sepuluh Nopember, Indonesia); Mahesa Cadi Rajasa (Universitas Islam Indonesia, Indonesia); Reza Fuad Rachmadi and Baskoro Adi Pratomo (Institut Teknologi Sepuluh Nopember, Indonesia); Mauridhi Hery Purnomo (Institut of Technology Sepuluh Nopember, Indonesia)
7	15.00 - 15.15	1571024884	Plant Health and Severity Recognition System for Pechay (<i>Brassica rapa ssp. chinensis</i>) Using Convolutional Neural Network	Carlos Dwain L. Sorallo, Eric John M. Jabal and Jessie R. Balbin (Mapua University, Philippines)

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 Track : - 06. [IES-KCIC] Computational Intelligence
 - 07. [IES-KCIC] Applied-Computing Sciences
 - 08. [IES-KCIC] Intelligent Multimedia Systems
 Moderator : Dr. Selvia Ferdiana Kusuma

No	Time	Paper ID	Paper Title	Authors
1	15.30 - 15.45	1571039656	E-Commerce Website with 3D Catalog and Product Customization	Andhik Ampuh Yunanto (Politeknik Elektronika Negeri Surabaya & Institut Teknologi Sepuluh Nopember, Indonesia); Farhan Izzudin Az Zufar and Anhar Risnumawan (Politeknik Elektronika Negeri Surabaya, Indonesia); Wanvy Arifha Saputra (Politeknik Negeri Banjarmasin, Indonesia); Siska Arifiani (Institut Teknologi Sepuluh Nopember, Indonesia)
2	15.45 - 16.00	1571024886	Herbal Medicine Plant Leaf Identification Device Using ResNet50	Andrew Al C. Aquiro, Shannen L. Arreola and Ramon Garcia (Mapua University, Philippines)
3	16.00 - 16.15	1571039625	CNN Modified Approach for Classifying Cardiomegaly Disease Based on CXR Image	Sri Heranurweni (Institut Teknologi Sepuluh Nopember Surabaya, Indonesia); Ronny Mardiyanto and Eko Mulyanto Yuniarno (Institut Teknologi Sepuluh Nopember, Indonesia); Andi Kurniawan Nugroho (University of Semarang, Indonesia); Mauridhi Hery Purnomo (Institut of Technology Sepuluh Nopember, Indonesia)
4	16.15 - 16.30	1571024685	Application of AlexNet, EfficientNetV2B0, and VGG19 with Explainable AI for Cataract and Glaucoma Image Classification	Muhammad Fauzi Fayyad (Universitas Islam Negeri Sultan Syarif Kasim Riau, Indonesia); Mustakim Mustakim (Universitas Islam Negeri Sultan Syarif Kasim Riau, Indonesia & Puzzle Research Data Technology, Indonesia)
5	16.30 - 16.45	1571036095	Evaluating the Google English Speaking and Pronunciation Practice Tool	Aliv Faizal Muhammad (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Agus Eko Cahyono (UIN Maulana Malik Ibrahim, Indonesia); Sekta Lonir Oscarini Wati Bhakti and Rahmawati Fitriana Fitri Fitriana (Politeknik Negeri Samarinda, Indonesia); Lady Silk Moonlight (Politeknik Penerbangan Surabaya, Indonesia); Teguh Arifianto (Politeknik Perkeretaapian Indonesia Madiun, Indonesia)
6	16.45 - 17.00	1571039598	Self-checking Corner of Upper Acute Respiratory Infection Disease Using Certainty Factor Method	Zulqhi Fahri Muda (Politeknik Elektronika Negeri Surabaya, Indonesia)