Program Book

INTERNATIONAL CONFERENCE ON COMPUTING, ENGINEERING AND DESIGN
ICCED

Virtual Conference
Sukabumi, Indonesia
2022

Program Book

ICCED 2022
8th International Conference on
Computing Engineering and Design
https://icced.nusaputra.ac.id/

28th – 29th July, 2022

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WELCOME TO ICCED 2022

Organized by:

Co-Host:

Supported By :

General Chair's Speech

Welcome to the 8th International Conference on Computing, Engineering and Design (ICCED 2022). On behalf of the organizing committee who has been working for over a half year to put this conference together, we cordially welcome all participants. ICCED is an annual event and this year, we are blessed to have competent and dedicated organisers which is organized by Nusa Putra University, Universitas Islam Negeri Sunan Gunung Djati, Sampoerna University, Bina Insani University, Universitas Pamulang and Sponsored by IEEE Indonesia Section and Computer Intelligence Society Indonesia Chapter.

Our goal in making this conference happen is to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Informatics Engineering, Information Science, Mechanical Engineering, Electrical Engineering, Civil Engineering, and Visual Communication Design. We have successfully received 190 paper submission and 93 have been accepted, so the success rate is about 48,94%, to qualify for presentation and publication. This conference attracts authors and the reviewers from 10 countries including Indonesia, Malaysia, Pakistan, India, Bangladesh, Japan, Oman, Taiwan, Thailand and Turkey. These papers are of good quality as they are reviewed by qualified and experienced academicians and researchers in related disciplines. With the theme "Towards Multi-Disciplinary Research to Drive Technological Changes in the Global Community", we hope all participants will enjoy an intellectual and stimulating discussion that allow them to move forward in their research work.

Best wishes,

Teddy Mantoro
General Chair for ICCED 2022

Honorary Chair Speech (Rector of NPU)

It its indeed a great pleasure for me representing Nusa Putra University to welcome all participants and guests to the ICCED 2022 event. This conference has given Nusa Putra University a great opportunity to step out of our campus and country and brave enough to collaborate with established partners on an academic and research activity. This conference has given confidence to my colleagues and students that we are capable to organize such an eventof today.

Besides organizing, Nusa Putra University will benefit a lot from the exchange of ideas and knowledge on academic, scientific and technical matters from our learned guests and participants of ICCED 2022. Our group of students and lecturer participating in this intellectual event are very excited and experiencing an event that they will cherish and appreciate. Nusa Putra University are also proud to uplift our institution name in this event. Hopefully we can get benefits and positive results for scientific development in this event.

Best wishes,

Kurniawan
Honorary Chair for ICCED 2022
(Rector of Nusa Putra University)

Virtual Link Address (Zoom)

Topic: 8th International Conference on Computing, Engineering and Design (ICCED 2022)

Date and Time : Thursday, July 28th, 2022 07:30 AM (Jakarta-Indonesia)

The link of the 8th ICCED 2022

Name of Room	Link	Meeting ID	Passcode
Main Room	https://bit.ly/ICCED2022	87067517945	nusaputra
Room 1	Breakout Room 1		
Room 2	Breakout Room 2		
Room 3	Breakout Room 3		
Room 4	Breakout Room 4		
Room 5	Breakout Room 5		
Room 6	Breakout Room 6		
Room 7	Breakout Room 7		
Room 8	Breakout Room 8		
Poster Room	Breakout Room 9		

Rules:

1. All participants have to attend the opening session.
2. Name Formatting:
   a. Presenter:
      - Room No_Paper ID_fullnamee.g.,
        01_14_ Rishikesh Mishra
   b. Non-Presenter: fullname
      e.g., Agus Darmawan
3. Restrictions: Mute

Any inquiry may be addressed to +62 811-1945-05 (whatsapp only)

PROGRAM SCHEDULE ICCED 2022

Thursday, July 28th 2022

07:30 - 08:00 Registration and Reception

08:00 - 08:45 **Opening session of the ICCED 2022**

08.00 - 08:05
- Starting the session by the MC

08:05 - 08:20
- Remark from General Chair

08:20 - 08:30
- 1st Dance Performance

08:30 - 08:40
- Opening Remark

08:40 - 08:45
- Virtual Photo Session

08:45 - 09:30 1st Keynote Speech: Assoc.Prof.Dr. Kevin Wong (Murdoch University, Australia)
"Digital Pathology Using Artificial Intelligence"

09:30 - 09:40 Q & A

09:40 - 10:25 2nd Keynote Speech: Dr. Deshinta Arrova Dewi (INTI International University, Malaysia)
"Internet of Medical Things (IoMT) and Smart Healthcare Systems"

10:25 - 10:35 Q & A

10:45 - 15:20 Technical Session (Parallel: 8 Tracks Paper & 1 Tracks Poster)

15:20 - 16:20 **Closing Session**
- 2nd Dance Performance
- Best Paper & Poster Award and Next Conference Announcement
- Closing Remark from General Chair

Note: Jakarta Time, Indonesia (GMT + 7)

Friday, July 29th, 2022

Social Network Tour (Offline Attendance Only)

Keynote Speaker

Assoc. Prof. Dr. Kevin Wong

Dr Kevin Wong is the Associate Professor at the Discipline of Information Technology at Murdoch University in Western Australia. He is the current Vice President (Conference) for The Asia Pacific Neural Network Society (APNNS). He is a Senior Member of Institute of Electrical and Electronics Engineers (IEEE), a Senior Member of the Australia Computer Society (ACS), and a Certified Professional of ACS. He is also the current chapter chair for the IEEE Systems, Man and Cybernetics (SMC) Society (WA Chapter). He has a strong track record of working with many industries by implementing successful AI and data analytics techniques including Artificial Neural Networks/Deep Learning, Fuzzy System, Evolutionary Algorithms and hybrid intelligent systems. His many industries collaboration and consultation projects are in the areas of petroleum, mining, medical, agriculture, defence and business. He has also many research project collaborations nationally and internationally. He has published over 250 journal and conference papers.

Presentation Title: Digital Pathology Using Artificial Intelligence

Abstract

Artificial Intelligence (AI) techniques have been popular in dealing with data-driven data analysis and becoming very popular in the medical domain. Due to the huge amount of data and information that can be obtained, AI techniques like Deep Learning techniques could be used to provide better insight into the data and build better decision-making models. In pathology, there has been a change from the conventional pathology workflow to a digital pathology workflow over the last decade. AI techniques have been applied in registration, classification, segmentation, and detection. It has also demonstrated that the integration between human senior pathologists and AI can be beneficial in the workflow of digital pathology. However, to translate AI techniques into real-world applications, there are challenges to be taken care of if these are to be translated into clinical applications.

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Keynote Speaker

Dr. Deshinta Arrova Dewi

Dr. Deshinta Arrova Dewi obtained her PhD from Faculty of Technology and Information Science, University Kebangsaan Malaysia (UKM) in 2019. Currently she holds several administrative positions in INTI International University, Nilai, Malaysia.

She is Research Cluster's Leader handling Artificial Intelligence and IoTresearch track in Research Institute, Coordinator for Centre for Emerging Technology in Computing, Managing Editor for Journal of Data Science and Editorial Board for INTI Journal.Senior Lecturer in Faculty of Data Science and Information Technology.

Dr. Deshinta is also a supervisor for PhD, Master and Undergraduate programs and leading research grant in two projects involving Smart Agriculture and Smart Homecare System. She hold one patent with title: Nusantara Civilization History Map in 2019 and has received several number of awards as follows:

- 2022: 1st Winner at IEEE Innovation Competition 2022, Sharjah, UAE
- 2021: Diamond Award, Research and Innovation Poster Competition 2021, Malaysia
- 2021: Two Silver Medal at International Multidisciplinary Innovation Competitions (IMIC2021), Malaysia
- 2020: Winner for Innovative Teaching Award, INTI International University, Malaysia
- 2019: Two Bronze Medals in Intellectual Research and Innovation Showcase (IRIS) 2019, UNISEL, 10th December 2019
- 2019: Gold Medal in 8th International Innovation, Invention and Design Competition (INDES 2019), Mehru, Ipoh Perak September 19th , 2019.

Presentation Title: Internet of Medical Things (IoMT) and Smart Healthcare Systems

Abstract

The Internet of Medical Things (IoMT) is a new technology that aims to enhance patients quality of life by enabling individualized e-health services that are neither time or place restricted. Since 2014, IoMT has rapidly expanded to help the global healthcare sector. This revolution will increase the link between human behavior and the built environment, greatly improving healthcare quality for both patients and providers. The Internet of Medical Things (IoMT) was started in part by emerging new technological developments, which are now gaining global attention and making it possible to track, diagnose, predict, and prevent emerging communicable diseases. In short, the healthcare system has transformed since IoMT was implemented. In this speech, we are going to explore variety of innovative ways of combining healthcare system to interact with other systems and data in the IoMT environment.

Technical Sessions Detail

Thursday, 28 July 2022

A. Room 1: TS 1-1 & TS 1-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode : nusaputra

Session Chair : Dr. Dini Oktarina Dwi Handayani, S.T., M.Sc & Adhitia Erfina, S.T., M.Kom

Room 1	Paper ID	Authors	Paper Title	Time
TS 1-1	013	Diena Rauda Ramdania, Agung Wahana, Cindy Hanny Nurulaeni, Yana Aditia Gerhana, Wildan Budiawan Zulfikar	Speeded Up Robust Features Algorithm on Augmented Reality for Sirah Nabawiyah Learning Media	10.45 - 11.05
	152	William Hazkel Tarigan, Teddy Mantoro, Media Anugerah Ayu.	Analysis of the Metaverse in Society 5.0 for Learning Systems using Meta	11.05 - 11.25
	117	Galuh Saputri, Joko Suwarno, Achmad Lutfi Fuadi, Agus Heri Yunial	Augmented Reality Application for Book Detection with Google Colaboratory and SnapML Lens Studio	11.25 - 11.45
	068	Suchika Rahmadona Vakasari;Ida Farida;Ferli Septi Irwansyah	Augmented Reality-Based Learning Media for Simple Distillation Practical Apparatus	11.45 - 12.05
BREAK				
TS 1-2	143	Hina Javed, Teddy Mantoro, Umar Aditiawarman.	Optimizing The Performance of UAV-Based Searching Missing Persons Process Using Deep Learning.	13.00 - 13.20
	168	Warmanto Firmansyah, Teddy Mantoro, Pratama Dahlian Persadha.	Regulatory Support to Prevent Health Data Breaches.	13.20 - 13.40
	030	Gilang Ryan Fernandes, Didik Wiguna, Fauzan Natsir, Triyadi, Nandang Suwela, Achmad Birowo	Implementation of Face Detection to Count the Number of Mall Visitors	13.40 - 14.00
	170	Arif Hidayat, Teddy Mantoro, Armi Susandi	Analysis on The Cyber Attacks In Indonesia Health Sector At Industry 4.0 Era	14.00 - 14.20
	118	Ariyawan Sunardi, Moch Koiru Ihksanudin and Mardiansyah Mardiansyah	Security System In The Safe With The Personal Identification Method Of Number Identification With Modulo Arthmatic Patterns	14.20 - 14.40
	154	Zaidan Fadhlurohman Faruq, Teddy Mantoro, Muhammad Agni Catur Bhakti, Wandy Wandy	Random Forest Classifier Evaluation in DDoS Detection System for Cyber Defense Preparation	14.40 - 15.00
	031	Aprilia Sulistyohati, Aulia Paramita, Lia Susanti, Tashia Indah Nastiti, Ridwan	Development and Validation of The Work Readiness Model of Informatics Students Using Multiple Regression	15.00 - 15.20

Thursday, July 28, 2022

B. Room 2 : TS 2-1 & TS 2-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode: nusaputra

Session Chair : Dr. Haris Al Qodri Maarif, S.T., M.Sc. & Fabrobi Fazlur Ridha, B.Eng., M.T

Room 2	Paper ID	Authors	Paper Title	Time
TS 2-1	058	Fauzan Masykur, Kusworo Adi, Oky Dwi Nurhayati	Classification of Paddy Leaf Disease Using MobileNet Model	10.45 - 11.05
	054	Shien Nie Kong, Dini Handayani, Hou Kit Mun and Pei Pei Chong, Pei Pei Chong, Teddy Mantoro	Cervical Cancer Identification using Deep Learning Approaches	11.05 - 11.25
	149	Noor Azwana Mat Ariff, Amelia Ritahani Ismail, Normaziah Abdul Aziz	Comparative Performance of Convolutional Neural Networks Architecture for Face Biometric Authentication System	11.25 - 11.45
	161	Praseptiadi, Pratama Dahlian Persadha, Teddy mantoro	Private Data Protection as Countermeasure against Misuses of Medical Intelligent Technology Data: a Literature Study	11.45 - 12.05
TS 2-2	145	Caleb Lipan, Teddy Mantoro, Media Anugerah Ayu.	Neutralizing City Cyberinfrastructure by Launching a Second Wave of SYN-Flood Attacks from Originally Camouflaged IP Addresses	13.00 - 13.20
	181	Thoyyibah T, Edi Abdurachman, Yaya Heryadi and Amalia Zahra	Bert Transformer Model for Indonesian Mood Music Dataset	13.20 - 13.40
	174	Daniel Stephen, Akbar Attallah and Media Ayu	Improving Early Detection and Prevention of Depression Using an Interactive Mobile App	13.40 - 14.00
	184	Afif Fanshuri Shamsolnizam, Iskandar Zulkarnain Basri, Noor Azura Zakaria, Taniza Tajuddin, Zeldi Suryady	Beat: Heart Monitoring Application	14.00 - 14.20
	162	Mirel Wattimena, Dwi Retnowati, Teddy Mantoro	Blockchain Technology Electronic Medical Record Misuse Using Information and Electronic Transaction In Law.	14.20 - 14.40
	129	Syaiful Bakhri, Ojak Abdul Rozak, Farrellio Gasperado, Adzra Cakrawarti Anindita, Muhammad Rofiqurrahman	Development of Conceptual Design for RSG-GAS Computing Circuit Reactor Protection System	14.40 - 15.00
	166	Hastanto Januar Ahmad, Ivan Yulivan, Teddy Mantoro	Prevention of Misuse of Information Technology In Health Industry	15.00 - 15.20

Thursday, July 28, 2022

C. Room 3 : TS 3-1 & TS 3-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode: nusaputra

Session Chair : Dr. Jelita Asian, B. Msc (Hon) & Arny Lattu, M.Kom

Room 3	Paper ID	Authors	Paper Title	Time
TS 3-1	033	Putra Wisnu Agung Sucipto, Annisa Firasanti, Seta Samsiana and Eki Ahmad Zaki Hamidi	New Node Location Setting Using Random Sample Ratio In Occupancy Area On RRT Algorithm	10.45 - 11.05
	119	Mardiansyah, Donie Agus Ardianto, Cahyo Dwi Buono, Ariyawan Sunardi	Automatic Storage of Goods on Moving Conveyors Using Fuzzy Logic Method	11.05 - 11.25
	156	Dian Agustin, Ivan Yulivan, Teddy Mantoro	Historical Study of The Development of The Misuse of Biological Weapons Technology.	11.25 - 11.45
	113	Munawaroh, Niki Ratama , Diki Rasapta, Septa, Syndhe Qumaruw Syty, Octaviana Anugrah Ade Purnama	Implementation of an expert system in diagnosing obstetrical health in pregnant women using fuzzy algorithms and certainty factor	11.45 - 12.05
TS 3-2	185	Zainab S. Attarbashi, Abdulazeez E. Altaleb, Azana Hafizah Mohd Aman, Aisha Hassan Abdalla Hashim, Sebahattin Eker	A Review of 5G Technology: Architecture and Challenges	13.00 - 13.20
	157	Sinka Puji Yuninda, Satriani Aga Pasma, Teddy Mantoro.	Patient Data Security in Telemedicine Service from Data Misuse or Cybermedicine in Today's Health Practice	13.20 - 13.40
	151	Teddy Mantoro, Muhamad Elky Fahriza, Muhammad Agni Catur Bhakti.	Effective of Obfuscated Android Malware Detection using Static Analysis.	13.40 - 14.00
	159	Mega Agustina, Rika Wijiyanti, Teddy Mantoro, Armi Susandi.	Integration of Government Regulations to Anticipate The Threat of Terrorism With Radioactive And Nuclear Technology	14.00 - 14.20
	150	Alaya Al Azzani , Abdullah Al Kalbani	Optimal Solution for Data Storage Security in Cloud Computing (OSDSS-CC)	14.20 - 14.40
	146	Teddy Mantoro, Daniel Stephen, Wandi Wandi.	Using Dynamic Analysis on Android for Malware Detection with Obfuscation Techniques	14.40 - 15.00
	189	Putu Sukma, Teddy Mantoro and Muchlis Nurseno	Improved Malware Detection Results using Visualization-Based Detection Techniques and Convolutional Neural Network	15.00 - 15.20

Thursday, July 28, 2022

D. Room 4 : TS 4-1 & TS 4-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode: nusaputra

Session Chair : Dr. Rahmadya Trias Handayanto, M.Kom & Siti Sarah Sobariah Lestari, M.Stat

Room 4	Paper ID	Authors	Paper Title	Time
TS 4-1	015	Zafiratul Amalia, Mohamad Irfan, Dian Sa'adillah Maylawati, Agung Wahana, Wildan Budiawan Zulfikar, Muhammad Ali Ramdhani	Sentiment Analysis of the Use of Telecommunication Providers on Twitter Social Media using Convolutional Neural Network	10.45 - 11.05
	021	Cahya Resqia Dewi; Yudi Fernando; Ridho Bramulya Ikhsan; Mochammad Fahlevi	Impact of Identification, Interaction, Enthusiasm on Value in Use: A Case of Electronic Video on Demand	11.05 - 11.25
	042	Nurul Fathiya, Athirah Fanesa, Andra Amelia, Putri Mentari, Candiwan	Measurement of Information Security Awareness of Students as Financial Technology Users in Indonesia	11.25 - 11.45
	130	Anisa Sholihat, Fathurachman Bei, Regina Ainaya, Arny Lattu and Falentino Sembiring	Twitter Tweet: Sentiment Analysis on Illegal Investment using Naive Bayes Algorithm	11.45 - 12.05
TS 4-2	020	Muhammad Aufar Alfarisi; Yudi Fernando; Ridho Bramulya Ikhsan	Impact of Interaction, Identification, Customer Satisfaction and Customer Loyalty on Online Video on Demand	13.00 - 13.20
	004	Popon Dauni, Muhammad Ali Ramdhani, Dimas Ramdhani Suryapratama, Jumadi, Wildan Budiawan Zulfikar, Rifqi Syamsul Fuadi	Twitter User Sentiment Analysis For RUU Omnibus Law Using Convolutional Neural Network	13.20 - 13.40
	183	Shafia Khatun and Norsaremah Salleh	An Empirical Study on the Role of Work Ethics and Emotional Intelligence on Software Engineers' Work Performance and Job Satisfaction	13.40 - 14.00
	026	Tasya Layung Permata; Yudi Fernando; Ridho Bramulya Ikhsan; Lianna Wijaya	Impact of Celebrity Attractiveness, Credibility and Digital Brand Awareness on Online Purchase Intention	14.00 - 14.20
	007	Aditya Welly Andi, Cepy Slamet, Dian Sa'adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja, Muhammad Ali Ramdhani	Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network	14.20 - 14.40
	125	Nasha Salsabila Destya Ananta, Candiwan Candiwan, Puspita Kencana Sari, Osa Omar Sharif	Information Security Awareness Evaluation of Telemedicine Application Users using Human Aspect Information System Questionnaire	14.40 - 15.00
	024	Fajar Julius Sorgang Lobuan Manurung; Muhammad Aufar Alfarisi; Cahya Resqia Dewi; Yudi Fernando; Ridho Bramulya Ikhsan	Impact of Absorption, Attention, Perceived Enthusiasm of Customer Satisfaction On Electronic Video on Demand	15.00 – 15.20

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E. Room 5 : TS 5-1 & TS 5-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode: nusaputra

Session Chair : Prof. Dr. Media A Ayu, M.Sc & Ilman Himawan Kusumah, MT

Room 5	Paper ID	Authors	Paper Title	Time
TS 5-1	027	Anita Puji Lestari; Yudi Fernando; Ridho Bramulya Ikhsan; Ika Sari Wahyuni-TD	A Direct Path Modeling of Mobile Banking Systems on User Satisfaction	10.45 - 11.05
	059	Aloysius Bagas Pradipta Irianto and Pisit Chanvarasuth	Proposed Factors That Affecting The Use Of Mobile Payment Qr Code On Micro Small Medium Enterprises As A Business Intermediaries	11.05 - 11.25
	132	Dudih Gustian, Adriansyah Muhamad Alfaudzan, Austin Almayda, Rian Nugraha	Comparation of Classification Data Mining Models In Predicting Heart Disease In Europe	11.25 - 11.45
	028	Aryadiva Brahim; Rini Astuti; Ridho Bramulya Ikhsan; Erick Fernando; Yuniarty	Intention to Move to E-Grocery Shopping Channels With Gender As Mediator	11.45 - 12.05
TS 5-2	045	Noviyanti T M Sagala; Laura Hestia Cendriawan	House Price Prediction Using Linier Regression	13.00 - 13.20
	041	Ridwan Budiman, Teguh Raharjo, Agus Suhanto	Scrum Project Management Challenges and Solutions: Systematic Literature Review	13.20 - 13.40
	050	Richa Rahmaliya Sunhadji; Selfin Anugrah Amdani; Sofa Lailatul Ma'rifah; Muhamad Deva Prayoga; Paikun; Dio Damas Permadi	Preservation of Kasepuhan Traditional House Culture to Maintain Unesco Global Recognition Ciletuh Geopark	13.40 - 14.00
	121	Abdullah Faqih Septiyanto, Riyanarto Sarno and Kelly R. Sungkono	Identifying Bottlenecks of Hierarchical Process Model by Using Discrete Event Simulation and Process Mining	14.00 - 14.20
	111	Yasinta Indrianti, Sasmoko, Fredy Purnomo, Mohd Khairuddin bin Ramly	System Architecture and Dataset ASEAN Entrepreneurship Profiling Website	14.20 - 14.40
	173	Madina Malahayati Chumaera, Safitri, Media Anugerah Ayu	Assessing Students' Information Security Awareness through the Knowledge, Attitude, and Behavior Model	14.40 - 15.00
	023	Cynthia Devina; Yudi Fernando; Ridho Bramulya Ikhsan	3s Model Of Mobile Banking Users' Satisfaction	15.00 – 15.20

Thursday, July 28, 2022

F. Room 6 : TS 6-1 & TS 6-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode: nusaputra

Session Chair : Dr. Umar Aditiawarman,S.T., M.Sc & Dio Damas Permadi, S.T., M.Eng

Room 6	Paper ID	Authors	Paper Title	Time
TS 6-1	040	Paikun; Dede Fauzi Fitrullatif; Dicki Gustaman; Muhammad Hidayat; Nauval Aziz; Marwahyudi	Building Equivalent Static Earthquake Loading Based on RSA Soil Data and Sondir	10.45 - 11.05
	012	Teddy Surya Gunawan, Aleeya Nadwa Roshara'madan, Nor Khairusshima M. Khairussaleh, Nanang Ismail, Mashkuri Yaacob, Azhar A. Rahman	Development of Water Pollution Monitoring and Data Logging using ARM Mbed Platform	11.05 - 11.25
	064	Abdul Wahid Arohman, Desy Agustin, Hasan Sudrajat, Muhamad Agus, Solihin, Muhammad Rizqi Akbar	Design and Analysis of Static Stress on Hydraulic Table Dies Replacement	11.25 - 11.45
	127	Nadzurah Zainal Abidin and Amelia Ritahani Ismail	Federated Deep Learning for Automated Detection of Diabetic Retinopathy	11.45 - 12.05
BREAK				
TS 6-2	049	Paikun; Isdaryanto Iskandar; Daniel Arie Susanto; Rakha Farhan Sunarlan; Danang Purwanto	Experimental Light Concrete Using Coarse Aggregate of Cigarette Waste and Tree Branches Combination Masterpel-725	13.00 - 13.20
	019	Muhamad Rayhan Ramji and Nanang Ismail	Thermal Management for BLDC Motor 120KW	13.20 - 13.40
	035	Dzifki Moch Dharmawan, Haickal Iman Akbar, Ridwan Maulana, Aryo De Wibowo Muhammad Sidik, Ilman Himawan Kusumah and Marina Artiyasa	Analysis of Grid-Connected Solar Photovoltaic Rooftop System for 900 VA Residential Load in Sukabumi	13.40 - 14.00
	066	Darma Rusjdi, Edi Abdurachman, Yaya Heryadi and Gede Putra Kusuma	Single Image Perspective Grid System on Floor Surface for 2D to 3D transformation	14.00 - 14.20
	135	Mahmuda Mahfuz Rimi, Md Rasel Ahmed, Sakhawat Hossan, Md Masudur Rahaman, Md Anowar Hossen Faysal and Md. Ferdouse Ahmed Foysal	A Cost-Effective IoT Device for Protecting People from the Dangers of Environmental Risk in Bangladesh	14.20 - 14.40
	038	Ammar Azizi Jasni, Yasser Asrul Ahmad, Teddy Surya Gunawan, Mashkuri Yaacob, Nanang Ismail, Abdul Wasik	Tributary Water Depth and Velocity Remote Monitoring System using Arduino and LoRa	14.40 - 15.00
	039	Muhammad Arsyad, Randika Geraldi, Aryo De Wibowo Muhammad Sidik, Ilman Hilmawan Kusumah, Marina Artiyasa and Anggy Pradiftha Junfithrana	Study of Solar Photovoltaic Rooftop System for 1300 VA Residential Load Connected to Grid in Sukabumi	15.00 – 15.20

Thursday, July 28, 2022

G. Room 7 : TS 7-1 & TS 7-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode: nusaputra

Session Chair : Dr. Zeldi Suryady, S.T., M.Sc & Muchtar Ali Setyo Yudono, S.Kom., M.T

Room 7	Paper ID	Authors	Paper Title	Time
TS 7-1	061	Hendra Marcos, Rahmat Gernowo, Isnaini Rosyida, Oky Dwi Nurhayati	Intelligent Traffic Management System using Internet of Things: A Systematic Literature Review	10.45 - 11.05
	120	Cutifa Safitri, Quang Ngoc Nguyen, Media Anugrah Ayu and Teddy Mantoro	Robust Implementation of ICN-based Mobile IoT for Next Generation Network	11.05 - 11.25
	063	Anang Suryana, Adi Mulyadi, Egi Egi, Ridwan Maulana, Aryo De Wibowo Ms and Ilman Himawan Kusumah	Fluid Speed Detector Using Impulse Detection with Two Load Cells and NodeMCU ESP8266	11.25 - 11.45
	134	Ayesha Siddika, Md Anowar Hossen Faysal, Md Rasel Ahmed, Md Masudur Rahaman, Mohammad Ali and Md. Ferdouse Ahmed Foysal	A Data Analysis Technique to Find the Environmental Effect on Egg Production in the Poultry Farm Using ML and IoT	11.45 - 12.05
BREAK				
TS 7-2	048	Agung Pangestu, Iing Sodikin, Muhammad Yusro, Rum Sapundani, Rosyid Ridlo Al Hakim, Sinka Wilyanti	IoT−based tire pressure monitoring system for air and temperature pressure using MPX5500D and LM35 sensor	13.00 - 13.20
	137	Ilman Himawan Kusumah, Putri Oktaviani, Eka Muhammad Haryadi, Panca Adhi Darmawan, Aryo De Wibowo, Anang Suryana, Nur Hidayah Kusumaningrum Fadhilah, Meutia Riany, Siti Sarah Sobariah Lestari	Design of Rooftop Panel Performance Monitoring System using Power and External Parameter	13.20 - 13.40
	011	Teddy Surya Gunawan, Haque Mohammad Reduwan, Mashkuri Yaacob, Nor Fadhillah M. Azmin, Nanang Ismail, Md Yusof Ismail, Mira Kartiwi, Azhar A. Rahman	Development of Seven Segment Display Recognition using TensorFlow on Raspberry Pi	13.40 - 14.00
	086	Jalaludin, khoerul anam, M Taupik Rijki, Aryo De Wibowo MS	Design and Implementation of a Magnetic Hybrid Stationary Bike for Self-Generation of Electricity	14.00 - 14.20
	182	Zeldi Suryady, Abdul Wahab Abdul Rahman and Dini Handayani	Towards the Development of Affective Recognition Using Heart Sound Signal: A Proposal	14.20 - 14.40
	060	Noviyanti T M Sagala; Muhammad Amien Ibrahim	A Comparative Study of Different Boosting Algorithms for Predicting Olympic Medal	14.40 - 15.00

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H. Room 8 : TS 8-1 & TS 8-2 (10.45 – 15.00)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945 Passcode: nusaputra

Session Chair : Dr. Abdullah Alkalbani & Dr. Jasmansyah

Room 5	Paper ID	Authors	Paper Title	Time
TS 8-1	055	Melania Wiannastiti; Teguh Prasandy; Yi Ying; Crystl MO Liem, Wiwik Andreani; Endang Ernawati	Students' Perspectives on 'PeVe App' to Learn English Phrasal Verbs	10.45 - 11.05
	009	Andhika Giri Persada	Usability on Children: a Meta-analysis Review	11.05 - 11.25
	188	Putri Sakinah Fikriah Harnum Junaidi, Nur Amira Imi, Noor Azura Zakaria, Ruwinah Abdul Karim, Muharman Lubis, Mazidah Mat Rejab.	Evaluating Usability of Learning Disability Assessment System	11.25 - 11.45
	001	Budi Yulianto; Rita Layona	Windows-based Instant Messaging (IM) Application for Educational Institution	11.45 - 12.05
BREAK				
TS 8-2	124	Keysha Salsabila Saputra, Maulidia Isnaini, Tasya Agrefine Saragi, Siti Mariam, Candiwan Candiwan	Analysis of Information Technology Governance on Process Management Services and Management of Information Technology Security Using COBIT 2019 (Case Study: PT XYZ)	13.00 - 13.20
	167	Ahmad Sahrul Mubarok, Armi Susandi, Teddy Mantoro	The role of intelligence in human security to identify the threat of covid 19.	13.20 - 13.40
	142	Adhitia Erfina, Lakoa Fitina, Prasetyo Hartanto, Sudin Saepudin, Diah Rahmalenia, Dini Maulinda, Fauziah Nur Ocktafiani	Indonesia's Economic Recovery Post Covid-19 Pandemic Sentiment Analysis	13.40 - 14.00
	141	Bambang Leo Handoko	Analysis of Factors Affecting Acceptance of Audit Software for External Auditor During Pandemic of Covid 19	14.00 - 14.20
	067	Arief Hidayat, Fandy Indra Pratama, Jeni Nadik	User Experience Measurement of ERebana Application using User Experience Questionnaire	14.20 - 14.40
	006	beki subaeki, Aedah Abd Rahman, Khaerul Manaf , Riffa Haviani Laluma, Agung Wahana, Nur Lukman	Assessing Tax Online System Success A Validation of Success Model with Focus Group Study	14.40 – 15.00

Thursday, July 28th 2022

Poster Room (10.45 – 15.30)

Link : https://bit.ly/ICCED2022
Meeting ID : 87067517945
Passcode : nusaputra
Session Chair : Tulus Rega Wahyuni E, S.Kom.i., M.Sn

Poster ID	Author	Paper Title	Time
45	Irpan Maulana; Ridwan Al- Faqih; Reyland Aulia Zauda	Analysis of Clean Water and Hot Water Needs Plumbing System in the Building	10.45 - 11.05
5	Zaenudin; Komin; Yosa	Design and Analysis of Application of CVT (Continously Variable Transmition) on Activator Washing Machine Mechanic Maximum Capacity 7kg	11.05 - 11.25
1	Iqbal Munawar; Pajar Rusman; Anisa Rizky	Automatic VLP's Recognition for Smart Parking System	11.25 - 11.45
2	Supriatna; Ujang Mulyana; Hardi Herdiansyah	Implementation of Monitoring Integrated Smart Agriculture Using IoT and Mobile Apps	11.45 - 12.05
18	Irvan Sutarha; Nindia Maulawati;Ilham Maulana Yusup	Basket Market Analysis Using R-Based Apriori Algorithm to Find Information From Sales Data	13.00 - 13.20
70	Muhammad Reza Firdaus; Rizal Nur Rizki; Muhammad Fauzan	Development of Geographic Information System for Rural Land Mapping	13.20 - 13.40
24	Neneng Komariah; Lisnawati Fitriyani; Yusep Bintang Fajar	Application of K-Means Algorithm on Favorite Menu Selection at Warung Nasi Alam Sunda	13.40 - 14.00
25	Angga Lesmana; Elma Nurmaidah; Eva Siti Nurjanah	Selection of Laundry Soap Brand Products in XX Store Using AHP Method	14.00 - 14.20
26	Agung Alan Saputra; FujiApriani; Mia Kurniasari	Sentiment Analysis of Online Investment Applications in Playstore Using Random Forest Method	14.20 - 14.40
27	Ana Khusnul Khotimah; Monika Gultom; Sabar	Implementasi Togaf pada Sistem Informasi Penerimaan Peserta Didik Baru Berbasis WEB	14.40 – 15.00

Call for Papers

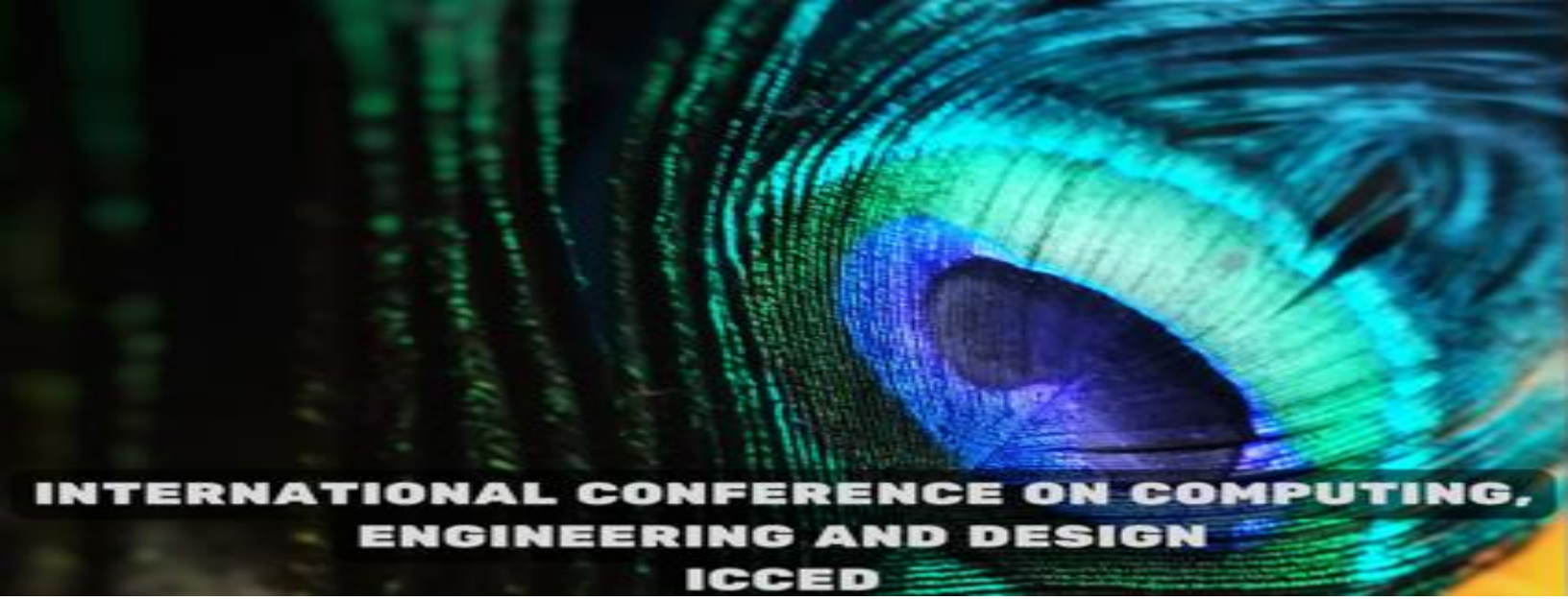
The 9th International Conference on Computing, Engineering and Design (ICCED 2023)

20 – 21 April, 2023
http://icced.nusaputra.ac.id email: icced@nusaputra.ac.id

IMPORTANT DATES

06 November 2022	: Full Papers Submission
10 December 2022	: Decision notification
01 January 2023	: Camera Ready
12 February 2023	: Early Registration
01 March 2023	: Final Registration and Payment
20-21 April 2023	: Conference day

ICCED 2023 in an International Conference that will provide an excellent arena for sharing knowledge and result in Computing, Engineering and Design area. The aim is to provide a platform for the researchers and practitioners from both academia as well as industry to meet and share the cutting-edge development in the field.



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