EC **ICCED 2022 (author)**

My Submissions	Premium	Conference	News	EasyChair

ICCED 2022 Submission 7

Submission information updates are disabled.

For all questions related to processing your submission you should contact the conference organizers. Click here to see information about this conference.

All **reviews sent to you** can be found at the bottom of this page.

Submission 7	
Title	Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network
Paper:	📂 (Nov 20, 18:17 GMT)
Author keywords	convolutional neural network deep learning Indonesia issue sentiment analysis state capital relocation
EasyChair keyphrases	sentiment analysis (515), convolutional neural network (253), deep learning (242), text pre processing (142), neural network (140), word embedding (100), support vector machine (95), social medium (90), capital city (90), sentiment classification (80), deep learning method (79), fully connected layer (79), pre processing (75), indonesian language (70), discrete cosine transform (63), test data (60), informatics uin (60), accuracy value (60), confusion matrix (50), big data (50), machine learning (50), twitter data (50), state capital relocation (47), total sentiment classification (47), sentiment analysis technique (47), data collecting and labeling (40), stop word (40), embedding layer (40), political communication (40), indonesian natural language understanding (40)
Abstract	The current government policy led by President Joko Widodo regarding relocating the capital city from Daerah Khusus Ibukota (Capital Special Region) of Jakarta to East Kalimantan has drawn a variety of comments, ranging from praise, criticism, suggestions, innuendo to hate speech. This is supported by many Indonesian political figures who have Twitter accounts to provide support or opinions on this policy. This study aims to analyze the sentiments about this issue. There is very varied sentiment from this issue, either positive or negative responses. This research used Convolutional Neural Network (CNN) algorithm as a part of the Deep Learning method to classify sentiments towards government policy on moving capital city of Indonesia with data obtained from Twitter. The process begins with text pre-processing containing case folding, tokenizing, stop-words removing, stemming, and changing the emoticon to word. Then, the word embedding process used Word2Vec. The result of experiment of CNN algorithm with 1,515 tweets in the Indonesian language and 15 times of experiment shows that the average accuracy is 66.68% with the highest accuracy is 70.3%. The experiment used five training and testing data splitting variations, with three epochs, among others: 10 epochs, 30 epochs, and 100 epochs.
Submitted	Nov 20, 18:17 GMT
Last update	Nov 20, 18:17 GMT

Authors						
first name	last name	email	country	affiliation	Web page	corresponding?
Aditya Welly	Andi	wellyadit@gmail.com	Indonesia	UIN Sunan Gunung Djati Bandung		✔
Cepy	Slamet	cepy_lucky@uinsgd.ac.id	Indonesia	UIN Sunan Gunung	http://www.uinsgd.ac.id	✔

				Djati Bandung		
Dian Sa'Adillah	Maylawati	diansm@uinsgd.ac.id	Indonesia	UIN Sunan Gunung Djati Bandung		✔
Jumadi	Jumadi	jumadi@uinsgd.ac.id	Indonesia	UIN Sunan Gunung Djati Bandung		✔
Aldy Rialdy	Atmadja	aldy@if.uinsgd.ac.id	Indonesia	UIN Sunan Gunung Djati Bandung		✔
Muhammad Ali	Ramdhani	m_ali_ramdhani@uinsgd.ac.id	Indonesia	UIN Sunan Gunung Djati Bandung	http://uinsgd.ac.id	✔

Reviews

Review 1	
Overall evaluation	**3**: (strong accept) The idea is quite interesting. Significant original work and novel results. The research method is easily identified and is appropriate to address the problem. The problem can be identified and related to the literature review, but some references stated in the "References" Chapter cannot be found in the paper. The discussion is good with adequate evidence to support the conclusion.

Review 2	
Overall evaluation	**2**: (accept) This research aims to analyse the sentiments about Indonesia State Capital Relocation using Convolutional Neural Network (CNN). Research that uses CNN to conduct sentiment analysis has been carried out by many other researchers. There is still also lack of information regarding the problem statement. So, establish the significance of your work: Why was there a need to conduct the study? Explain why your study is important to the reader. The organisation of manuscript should be provided at the end of introduction In the paper, it has not been stated that this research only uses Indonesian-language tweet data

Review 3	
Overall evaluation	**2**: (accept) 1. the paper show sufficient familiarity with understanding and critical appraisal of the relevant literature 2. the paper provides a sufficiently comprehensive investigation of the topic 3. the methods and techniques adopt appropriate to the subject matter 4. the results suitably set out and accompany by adequate exposition and interpretation

UINSGDNet Services

Dian Sa'adillah Maylawati <diansm@uinsgd.ac.id>

ICCED 2022 submission 7

1 pesan

ICCED 2022 <icced2022@easychair.org>   21 November 2021 pukul 01.17
Kepada: Dian Sa'Adillah Maylawati <diansm@uinsgd.ac.id>

Dear authors,

We received your submission to ICCED 2022 (The 8th International
Conference on Computing, Engineering and Design):

Authors : Aditya Welly Andi, Cepy Slamet, Dian Sa'Adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja and
Muhammad Ali Ramdhani
Title :   Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network
Number : 7

The submission was uploaded by Dian Sa'Adillah Maylawati
<diansm@uinsgd.ac.id>. You can access it via the ICCED 2022 EasyChair
Web page

  https://easychair.org/conferences/?conf=icced2022

Thank you for submitting to ICCED 2022.

Best regards,
EasyChair for ICCED 2022.

UINSGDNet
Services

Dian Sa'adillah Maylawati <diansm@uinsgd.ac.id>

ICCED 2022 notification for paper 7
3 pesan

ICCED 2022 <icced2022@easychair.org>   13 Juni 2022 pukul 17.41
Kepada: Dian Sa'Adillah Maylawati <diansm@uinsgd.ac.id>

Dear Aditya Welly Andi, Cepy Slamet, Dian Sa'Adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja and Muhammad Ali Ramdhani

We are pleased to inform you that your paper:
PaperID: 07
Title : Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network

Submitted to The Eight International Conference on Computing, Engineering, and Design (ICCED 2022) has been ACCEPTED for an oral presentation. We cordially invite you to attend the ICCED 2022 conference by virtual mode.

It is mandatory to prepare the camera ready paper as per the instructions listed on https://icced.nusaputra.ac.id. The two most important ones are:
1. Revise your paper(s) according to the reviewers' comments. The detail reviews are at the bottom of this email.
2. The accepted similarity level is maximum 20% which you may check using Turnitin or other similiar plagiarism check.

Your camera ready paper and fully-completed signed IEEE copyright form need to be uploaded to https://s.id/form-icced22 no later than 17 June 2022 . You are also going to be contacted through email by IEEE to complete e-copyright of your paper.

As well, you will need to fill in the registration form that can be downloaded from this link https://s.id/18Yts, and for IEEE copyright you can download it from this link https://s.id/copyright-form. You may upload registration form and IEEE copyright through this form https://s.id/form-icced22 including the proof of your payment, presentation video (max 10 minutes), presentation slide, and proof of IEEE membership and student status when it is relevant.

Please be reminded that the due date for final registration is 04 July 2022, and at least one of the author need to register the conference for the paper to be included in the conference proceedings.

The conference will be held by virtual mode on 28 - 29 July 2022.

All related conference materials can be found at https://icced.nusaputra.ac.id. Please let us know if you have any questions regarding the registration.
We sincerely look forward to welcoming you in ICCED 2022.

With a warmest regard,
Program Chair of ICCED 2022

SUBMISSION: 7
TITLE: Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network

---------------------- REVIEW 1 --------------------
SUBMISSION: 7
TITLE: Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network
AUTHORS: Aditya Welly Andi, Cepy Slamet, Dian Sa'Adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja and Muhammad Ali Ramdhani

----------- Overall evaluation -----------

SCORE: 3 (strong accept)
----- TEXT:
The idea is quite interesting. Significant original work and novel results. The research method is easily identified and is appropriate to address the problem. The problem can be identified and related to the literature review, but some references stated in the "References" Chapter cannot be found in the paper. The discussion is good with adequate evidence to support the conclusion.

---------------------- REVIEW 2 --------------------
SUBMISSION: 7
TITLE: Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network
AUTHORS: Aditya Welly Andi, Cepy Slamet, Dian Sa'Adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja and Muhammad Ali Ramdhani

----------- Overall evaluation -----------
SCORE: 2 (accept)
----- TEXT:
This research aims to analyse the sentiments about Indonesia State Capital Relocation using Convolutional Neural Network (CNN).

Research that uses CNN to conduct sentiment analysis has been carried out by many other researchers.

There is still also lack of information regarding the problem statement. So, establish the significance of your work: Why was there a need to conduct the study? Explain why your study is important to the reader.

The organisation of manuscript should be provided at the end of introduction

In the paper, it has not been stated that this research only uses Indonesian-language tweet data

---------------------- REVIEW 3 --------------------
SUBMISSION: 7
TITLE: Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network
AUTHORS: Aditya Welly Andi, Cepy Slamet, Dian Sa'Adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja and Muhammad Ali Ramdhani

----------- Overall evaluation -----------
SCORE: 2 (accept)
----- TEXT:
1. the paper show sufficient familiarity with understanding and critical appraisal of the relevant literature
2. the paper provides a sufficiently comprehensive investigation of the topic
3. the methods and techniques adopt appropriate to the subject matter
4. the results suitably set out and accompany by adequate exposition and interpretation

---

Dian Sa'adillah Maylawati <diansm@uinsgd.ac.id>   16 Juni 2022 pukul 14.58
Kepada: ICCED 2022 <icced2022@easychair.org>

Dear ICCED Committee,

Thank you for considering our article. We revised our article based on review comments below:

---------------------- REVIEW 1 --------------------
----------- Overall evaluation -----------

SCORE: 3 (strong accept)

----- TEXT:

The idea is quite interesting. Significant original work and novel results. The research method is easily identified and is appropriate to address the problem. The problem can be identified and related to the literature review, but some references stated in the "References" Chapter cannot be found in the paper. The discussion is good with adequate evidence to support the conclusion.

Response: Thank you for your review. We recheck the references and use Mendeley to ensure no reference that has not cited in the article yet.

----------------------- REVIEW 2 ---------------------

----------- Overall evaluation -----------

SCORE: 2 (accept)

----- TEXT:

This research aims to analyse the sentiments about Indonesia State Capital Relocation using Convolutional Neural Network (CNN). Research that uses CNN to conduct sentiment analysis has been carried out by many other researchers. There is still also lack of information regarding the problem statement. So, establish the significance of your work: Why was there a need to conduct the study? Explain why your study is important to the reader. The organisation of manuscript should be provided at the end of introduction. In the paper, it has not been stated that this research only uses Indonesian-language tweet data

Response: Thank you for your review. We provide more explanation why we need conduct this study and organization of article in the last paragraph of introduction section:

"The sentiments of the Indonesian people regarding the relocation of the new capital city are certainly interesting and important to study. Because moving the capital city is a big and historic decision for a country. Public opinion is certainly an important consideration, especially in a democratic country like Indonesia. Therefore, by utilizing sentiment analysis technology, this study aims to analyze the public sentiment about state capital relocation as hot issue in Indonesia using Convolutional Neural Networks. The next sections will be explained the research method, result and discussion, and the conclusion of this research."

Then, actually we already stated "There are 1,515 tweets in Indonesian language for this research" in the research activities sub section in the data collecting and labeling activity. Thank you.

----------------------- REVIEW 3 ---------------------

----------- Overall evaluation -----------

SCORE: 2 (accept)

----- TEXT:

1. the paper show sufficient familiarity with understanding and critical appraisal of the relevant literature

2. the paper provides a sufficiently comprehensive investigation of the topic

3. the methods and techniques adopt appropriate to the subject matter

4. the results suitably set out and accompany by adequate exposition and interpretation

Response: Thank you for your review.

We already filled in the registration form also. Thank you.

===
Warm regards,
Dian Sa'adillah Maylawati, S.Kom., MT
Informatics Department
Faculty of Science and Technology
UIN Sunan Gunung Djati Bandung
Jl. A. H. Nasution 105 Bandung, 40614
Indonesia
http://orcid.org/0000-0002-1193-3370
https://www.scopus.com/authid/detail.uri?authorId=57200569961

[Kutipan teks disembunyikan]

Dian Sa'adillah Maylawati <diansm@uinsgd.ac.id>   4 Juli 2022 pukul 09.17
Kepada: Rifqi Syamsul Fuadi <rifqi@uinsgd.ac.id>

===
Warm regards,
Dian Sa'adillah Maylawati, S.Kom., MT
Informatics Department
Faculty of Science and Technology
UIN Sunan Gunung Djati Bandung
Jl. A. H. Nasution 105 Bandung, 40614
Indonesia
http://orcid.org/0000-0002-1193-3370
https://www.scopus.com/authid/detail.uri?authorId=57200569961

[Kutipan teks disembunyikan]

Dian Sa'adillah Maylawati <diansm@uinsgd.ac.id>

IEEE Copyright Transfer Confirmation for Article: Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network

1 pesan

ecopyright@ieee.org <ecopyright@ieee.org>   27 Juli 2022 pukul 19.40
Kepada: diansm@uinsgd.ac.id

IEEE Electronic Publication Agreement Receipt
===

Publication Title: 2022 IEEE 8th International Conference on Computing, Engineering and Design (ICCED)
Article Title: Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network
Author(s): Aditya Welly Andi, Cepy Slamet, Dian Sa'adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja, Muhammad Ali Ramdhani
Author E-mail: diansm@uinsgd.ac.id
eCF Paper Id: 395124

Dear Colleague

Congratulations! You have successfully completed the IEEE Electronic Publication Agreement. A copy of the fully executed Agreement is attached here for your records. Please save this e-mail for any future reference.

PLEASE DO NOT RESPOND TO THIS EMAIL.
For technical assistance or to search our knowledge base, please visit our support site at :

http://ieee.custhelp.com/app/answers/list/p/197,2375

📄 **CopyrightReceipt.pdf**
20K

ICCED 2022

8th INTERNATIONAL CONFERENCE ON COMPUTING, ENGINEERING AND DESIGN

CERTIFICATE

is awarded to:

Aditya Welly Andi, Cepy Slamet, Dian Sa'adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja, Muhammad Ali Ramdhani

paper titled:

Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network

for his/her participation as Authors in The 8th International Conference on Computing, Engineering and Design (ICCED 2022) at Nusa Putra University

Sukabumi, Indonesia, 28-19 July 2022

Dr. Kurniawan, ST., M.Si., MM.
HONORARY CHAIR ICCED 2022

Prof. Dr. Ir. Teddy Mantoro, M.Sc
GENERAL CHAIR ICCED 2022

Organized by:
Nusa Putra UNIVERSITY

Co-Host :
uin
TEKNIK INFORMATIKA
SAMPOERNA UNIVERSITY
BINA INSANI UNIVERSITY

Supported by :
IEEE Computational Intelligence Society Indonesia Chapter
IEEE INDONESIA SECTION

ICCED 2022

8th INTERNATIONAL CONFERENCE ON COMPUTING, ENGINEERING AND DESIGN

CERTIFICATE

is awarded to:

Dian Sa'Adillah Maylawati

As:

Reviewer

in The 8th International Conference on Computing, Engineering and Design (ICCED 2022) at Nusa Putra University

Sukabumi, Indonesia, 28-29 July 2022

Organized by:

Nusa Putra UNIVERSITY

Co-Host :

uin · TEKNIK INFORMATIKA · SAMPOERNA UNIVERSITY · BINA INSANI UNIVERSITY

Supported by :

IEEE Computational Intelligence Society Indonesia Chapter · IEEE INDONESIA SECTION

Dr. Kurniawan, ST., M.Si., MM.
HONORARY CHAIR ICCED 2022

ICCED 2022

Prof. Dr. Ir. Teddy Mantoro, M.Sc
GENERAL CHAIR ICCED 2022

IEEE COPYRIGHT AND CONSENT FORM

TITLE OF PAPER/~~ARTICLE/REPORT~~, INCLUDING ALL CONTENT IN ANY FORM, FORMAT, OR MEDIA (hereinafter, "the Work"):

Sentiment Analysis of State Capital Relocation of Indonesia using Convolutional Neural Network

COMPLETE LIST OF AUTHORS:

Aditya Welly Andi, Cepy Slamet, Dian Sa'adillah Maylawati, Jumadi Jumadi, Aldy Rialdy Atmadja, Muhammad Ali Ramdhani

IEEE PUBLICATION TITLE (~~Journal, Magazine~~, Conference, ~~Book~~):
Proceedings of the Eight International Conference on Computing, Engineering and Design (ICCED 2022)

(1) Dian Sa'adillah Maylawati
Author/Authorized Agent for Joint Authors

Date : June 16, 2022

IEEE COPYRIGHT FORM *(continued)*

RETAINED RIGHTS/TERMS AND CONDITIONS

General

1. Authors/employers retain all proprietary rights in any process, procedure, or article of manufacture described in the Work.

2. Authors/employers may reproduce or authorize others to reproduce the Work, material extracted verbatim from the Work, or derivative works for the author's personal use or for company use, provided that the source and the IEEE copyright notice are indicated, the copies ar e not used in any way that implies IEEE endorsement of a product or service of any employer, and the copies themselves are not offered for sale.

3. In the case of a Work performed under a U.S. Government contract or grant, the IEEE recognizes that the U.S. Government has royalty-free permission to reproduce all or portions of the Work, and to authorize others to do so, for official U.S. Government purposes only, if the contract/grant so requires.

4. Although authors are permitted to re-use all or portions of the Work in other works, this does not include granting third-party requests for reprinting, republishing, or other types of re-use. The IEEE Intellectual Property Rights office must handle all such third-party requests.

5. Authors whose work was performed under a grant from a government funding agency are free to fulfill any deposit mandates from that funding agency.

Author Online Use

6. Personal Servers. Authors and/or their employers shall have the right to post the accepted version of IEEE-copyrighted articles on their own personal servers or the servers of their institutions or employers without permission from IEEE, provided that the posted version includes a prominently displayed IEEE copyright notice and, when published, a full citation to the original IEEE publication, including a link to the article abstract in IEEE Xplore. Authors shall not post the final, published versions of their papers.

7. Classroom or Internal Training Use. An author is expressly permitted to post any portion of the accepted version of his/her own IEEE-copyrighted articles on the author's personal web site or the servers of the author's institution or company in connection with the author's teaching, training, or work responsibilities, provided that the appropriate copyright, credit, and reuse notices appear prominently with the posted mater ial. Examples of permitted uses are lecture materials, course packs, e-reserves, conference presentations, or in-house training courses.

8. Electronic Preprints. Before submitting an article to an IEEE publication, authors frequently post their manuscripts to their own web site, th eir employer's site, or to another server that invites constructive comment from colleagues. Upon submission of an article to IEEE, an author is required to transfer copyright in the article to IEEE, and the author must update any previously posted version of the article with a prominently displayed IEEE copyright notice. Upon publication of an article by the IEEE, the author must replace any previously posted electronic versions of the article with either (1) the full citation to the IEEE work with a Digital Object Identifier (DOI) or link to the article abstract in IEEE Xplore, or (2) the accepted version only (not the IEEE-published version), including the IEEE copyright notice and full citation, with a link to the final, published article in IEEE Xplore.

INFORMATION FOR AUTHORS

Author Responsibilities

The IEEE distributes its technical publications throughout the world and wants to ensure that the material submitted to its publications is properly available to the readership of those publications. Authors must ensure that their Work meets the requirements as stated in section 8.2.1 of the IEEE PSPB Operations Manual, including provisions covering originality, authorship, author responsibilities and author misconduct. More information on IEEE's publishing policies may be found at http://www.ieee.org/publications_standards/publications/rights/authorrightsresponsibilities.html. Authors are advised especially of IEEE PSPB Operations Manual section 8.2.1.B12: "It is the responsibility of the authors, not the IEEE, to determine whether disclosure of their material requires the prior consent of other parties and, if so, to obtain it." Authors are also advised of IEEE PSPB Operations Manual section 8.1.1B: "Statements and opinions given in work published by the IEEE are the expression of the authors."

Author/Employer Rights

If you are employed and prepared the Work on a subject within the scope of your employment, the copyright in the Work belongs to your employer as a work-for-hire. In that case, the IEEE assumes that when you sign this Form, you are authorized to do so by your employer and that your employer has consented to the transfer of copyright, to the representation and warranty of publication rights, and to all other terms and conditions of this Form. If such authorization and consent has not been given to you, an authorized representative of your employer should sign this Form as the Author.

IEEE Copyright Ownership

It is the formal policy of the IEEE to own the copyrights to all copyrightable material in its technical publications and to the individual contributions contained therein, in order to protect the interests of the IEEE, its authors and their employers, and, at the same time, to facilitate the appropriate re-use of this material by others. The IEEE distributes its technical publications throughout the world and does so by various means such as hard copy, microfiche, microfilm, and electronic media. It also abstracts and may translate its publications, and articles contained therein, for inclusion in various compendiums, collective works, databases and similar publications.

THIS FORM MUST ACCOMPANY THE SUBMISSION OF THE AUTHOR'S MANUSCRIPT.
Questions about the submission of the form or manuscript must be sent to the publication's editor.
Please direct all questions about IEEE copyright policy to:
IEEE Intellectual Property Rights Office, copyrights@ieee.org, +1-732-562-3966 (telephone)

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

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 putthis conference together, we cordially welcome all participants. ICCEDis 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		
Room 1	Breakout Room 1		
Room 2	Breakout Room 2		
Room 3	Breakout Room 3		
Room 4	Breakout Room 4	87067517945	nusaputra
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.
.

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 Nurhidayati	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
	121	Abdullah Faqih Septiyanto, Riyanarto Sarno and Kelly R. Sungkono	Identifying Bottlenecks of Hierarchical Process Model by Using Discrete Event Simulation and Process Mining	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

Thursday, July 28, 2022

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
	060	Noviyanti T M Sagala; Muhammad Amien Ibrahim	A Comparative Study of Different Boosting Algorithms for Predicting Olympic Medal	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. Rahmad	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
	050	Noviyanti T M Sagala; Muhammad Amien Ibrahim	A Comparative Study of Different Boosting Algorithms for Predicting Olympic Medal	14.40 - 15.00

Thursday, July 28, 2022

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
176	Kihsan Makbil, Jihad Hari Ramdhani, Agung Pratama	Analysis of Effect of Artificial Cooling System Temperature Inlets on Thermal Cmfort of Nusa Putra Univesity Classroom by CFD Method	10.45 - 11.05
29	Muflihun, Muhammad AlifAlfaturisya, Edwinanto	Model Optimalisasi Rangkaian Elektronika dan Kompatibilitas Elektromagnetik Berbasis Metamaterial	11.05 - 11.25
190	Aditya Darma Nur Fajar, Edhy Santoso, Farid Firdaus	The Design of an Off-Grid Solar Power Plant Electrical System in Nangela Village, Tegal Buleud District as a Back-up for the Indonesia Power Electricity Network (PLN)	11.25 - 11.45
122	Rifal Nurjamil, Febia Nurfitriani, Kamila Aprilia,	Big Data Visualization of Fabric Weight in The Laboratory Departement of The Garment Industry (Case Study: PT.BIG)	11.45 - 12.05
126	Hihin Nurhayati Sa'Diyah, Putri Ulil Fatma Aulia, Wulan Alinda Wahyuni, Sudin Saepudin	Choosing The Right Exercise To Lose Weight Optimally Using Dynamic Program	13.00 - 13.20
131	Salwa Rizkiah, Raudhatul Jannah, Saskia Aulia Pebrianti, Sudin Saepudin	Aplication of Decision Tree Algorithm on Steel Sales	13.20 - 13.40
133	Ersa Febriani, Eva Luthfiah, Rosalia Anggraeni,	Information System E-Marketplace Ciletuh Kab. Sukabumi	13.40 - 14.00
136	Metodius Gulo, Rifqi Muhammad alfatah	WEB 3.0 Concept: Smart Search Engine on Web Browser	14.00 - 14.20
69	Bayu Pratama	String Matching Method With Boyer-Moore Algorithm For Sentiment Analysis: A Case Study of Indonesian Twitter Cyber Bullying	14.20 - 14.40
44	Putri Oktaviani, Eka Muhammad Haryadi, Panca Adhi Darmawan	Design and Implementation Monitoring System for Solar Panel Performance Based on IoT	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.

Organized by :

Supported by :