



The 7th International Conference on Biospheric Harmony



Forum Ilmiah Diaspora Indonesia

ICOBAR – FIDI JOINT SCIENTIFIC FORUM 2025

CONFERENCE BOOK

CONTACT INFORMATION



Website

<https://research.binus.ac.id>



Instagram

@binusresearch



Youtube

Binus Research



LinkedIn

Binus Research



Mail Address

Bina Nusantara University
Anggrek Campus
Jl. Kebon Jeruk Raya No. 27
Jakarta 11530
Indonesia



Telephone

+62215345830
Ext 1705, 1708

August 2025

Table of Contents

WELCOMING REMARKS Chair of the ICOBAR 2025	4
WELCOMING REMARKS Vice Rector Research & Technology Transfer of BINUS University	6
WELCOMING REMARKS Ikatan Ilmuwan Indonesia Internasional (I-4)	7
WELCOMING REMARKS Rector of BINUS University	8
ABOUT ICOBAR-FIDI Joint Scientific Forum	9
Introduction	9
Objectives of the Event.....	10
Activities.....	10
Date and Venue	10
Target Participants	10
KEYNOTE SPEAKERS.....	11
Prof. Dr. -Ing. Hendro Wicaksono.....	11
Dr. Stijn Cornelis van Huis.....	11
Dr. Novalia Pishesha	11
Jithin Sundaresan, B.Tech., M.Tech., Ph.D.....	11
Dr. Eng. Muhammad Aziz.....	12
Dr. Tia Mariatul Kibtiah, S. Ag., M.Si.	12
Dr. Nisa Widyastuti	12
Dr. drh. Diena Dwidienawati, M.M.....	12
Januar Widakdo, S.Si., M.Sc., Ph.D	13
Kartika Yulianti, Ph.D.	13
LIST OF COMMITEES	14
Steering Committee.....	14
Organizing Committee	14
List of Reviewers	15
EVENT RUNDOWN.....	22
PAPER PRESENTATION (ONSITE SESSION)	24
Session 1 (Saturday, 23 rd August, 13:30 – 15:30 WIB)	24
Session 2 (Saturday, 23 rd August, 15:45 –17:30 WIB)	30
Session 1 (Sunday, 24 th August, 13:30 – 15:45 WIB).....	35
Session 2 (Sunday, 24 th August, 16:00 – 18:15 WIB).....	40
Zoom Link – Parallel Session (Meeting ID: 984 9776 8430).....	45

WELCOMING REMARKS Chair of the ICOBAR 2025

August 23-24, 2025

Tangerang, Indonesia

Rector of Bina Nusantara University, Dr. Nelly, S. Kom., M.M., CSCA

Vice Rector Research & Technology Transfer, Prof. Dr. Juneman Abraham

Distinguished keynote speakers and presenters of the ICOBAR

It is with great pleasure and honor that I welcome all distinguished guests, esteemed colleagues, and participants to the 7th International Conference on Biospheric Harmony (ICOBAR), held this year in proud collaboration with the Ikatan Ilmuwan Indonesia Internasional (I4) under the auspices of the Forum Ilmiah Diaspora Indonesia (FIDI). This marks a special milestone in ICOBAR's journey as for the first time, FIDI is partnering with a university, BINUS University, following its previous collaborations with national research institutions.

The theme of this year's joint forum, "Global Synergy for a Sustainable Future", reflects our shared determination to address pressing environmental and societal challenges through interdisciplinary collaboration, innovative science, and actionable solutions. Over the next two days, we will engage in dynamic discussions, explore cutting-edge research, and forge new connections that transcend geographical and disciplinary boundaries.

This year we are proud to have received 787 submissions from five countries: Malaysia, Japan, India, Taiwan, and Indonesia. From these submissions, 276 papers have been accepted for presentation, with 146 to be presented onsite and 130 to be presented online, all which involves 746 authors in total. All accepted papers will be submitted for publication in the Springer and IGI Global book series, providing international visibility to the contributions shared in this forum. We are also grateful for the dedication of 161 reviewers from 10 countries including Korea, Canada, Thailand, Nigeria, Malaysia, the Philippines, Taiwan, Hong Kong, Saudi Arabia, and Indonesia, whose expertise ensured the quality of the conference proceedings.

Our program features diverse sessions covering science and research for biospheric resilience, technological innovation, governance and policy, and real-world sustainability impact. This year also continues our commitment to nurturing the next generation of researchers through the undergraduate student paper track, providing young scholars with an international platform to share their work.

I would like to express my deepest appreciation to the organizing and scientific committees, paper reviewers, supporting institutions, and our dedicated volunteers for their tireless efforts in

bringing this joint forum to life. To our participants, both onsite and online, thank you for your commitment to knowledge exchange and collaboration.

May this event serve as a space where ideas flourish, partnerships grow, and collective action is inspired. I wish you an engaging, productive, and memorable ICOBAR & FIDI Joint Scientific Forum 2025.

Hilda Farida, S.P., M.Sc
Chair, ICOBAR 2025

WELCOMING REMARKS Vice Rector Research & Technology Transfer of BINUS University

August 23-24, 2025

Tangerang, Indonesia

Rector of Bina Nusantara University, Dr. Nelly, S. Kom., M.M., CSCA

Vice rectors, Directors, Deans, and Professors,

Distinguished keynote speakers,

On behalf of BINUS University, I extend my warmest welcome to all delegates joining the ICOBAR & FIDI Joint Scientific Forum 2025. It is an honor to host such an esteemed gathering of scholars, researchers, and innovators from Indonesia and from the global Indonesian diaspora.

Our theme, “Global Synergy for a Sustainable Future”, is not only a call to action but also a reminder of our shared responsibility. In the realm of research, responsibility goes beyond methodological rigor. It demands ethical practice and outcome-driven impact. At BINUS University, we believe that research excellence is measured not solely by publications or citations, but by the tangible difference it makes in society, policy, and the environment.

This conference embodies that ethos. By integrating diverse perspectives, bridging local insights with global expertise, and aligning our work with the United Nations Sustainable Development Goals, we can ensure that our research is relevant, responsible, and transformative.

It is a privilege for our organizing team to foster an environment where integrity, collaboration, and innovation remain at the forefront of every discussion and initiative in this forum. I also encourage each participant to see your contributions here not as an end in themselves, but as seeds that will grow into partnerships, solutions, and lasting change.

Let us use this forum as a proving ground for research that not only advances knowledge but also shapes a more equitable, sustainable, and resilient world. May your time here be fruitful, inspiring, and filled with meaningful exchanges.

Thank you very much.

Prof. Dr. Juneman Abraham, S. Psi., M. Si.

Vice Rector of Research and Technology Transfer, BINUS University

WELCOMING REMARKS Ikatan Ilmuwan Indonesia Internasional (I-4)

August 23-24, 2025

Tangerang, Indonesia

As Chair of Ikatan Ilmuwan Indonesia Internasional (I-4), I am honored to mark this pivotal moment in our partnership with BINUS University through the Forum Ilmiah Diaspora Indonesia (FIDI) 2025 and the International Conference on Biospheric Harmony (ICOBAR). Under the theme “Global Synergy for Biospheric Resilience: Integrating Science, Innovation, and Sustainable Action,” this year’s conference (ICOBAR & FIDI Joint Scientific Forum: Global Synergy for a Sustainable Future) embodies a shared vision: to harness collective expertise for Indonesia’s—and the world’s—sustainable future.

The intersection of diaspora knowledge and local innovation lies at the heart of this collaboration. I-4’s global network of Indonesian scientists and BINUS University’s leadership in applied research create a unique ecosystem for transformative ideas. Together, we bridge disciplines to address the urgent challenges of our biosphere. This synergy is not merely academic; it is a commitment to translating research into scalable solutions, policies, and technologies.

ICOBAR-FIDI 2025 represents more than a conference; it is a testament to the power of united action. By integrating BINUS’s industry-aligned research with I-4’s mission to mobilize Indonesia’s global intellectual capital, we amplify Indonesia’s capacity for resilience and innovation. The research showcased here reflects a diversity of approaches, yet all converge on a singular goal: to advance equitable and sustainable development through science-led strategies.

To all participants: Your contributions are vital to this mission. Let this forum inspire not only dialogue but also concrete partnerships—between institutions, across borders, and with communities. The path to biospheric resilience demands nothing less than global cooperation, and I am confident that the collaborations born here will resonate far beyond this event.

Dr. Fatwa Firdaus Abdi
Chair, I-4 (Ikatan Ilmuwan Indonesia Internasional)

WELCOMING REMARKS Rector of BINUS University

BINUS JOINT INTERNATIONAL CONFERENCE (BJIC)

August 23-24, 2025

Alam Sutera, Indonesia

*Distinguished keynote speakers,
Fellow professors and presenters,
Ladies and gentlemen,*

It is with great pride that I welcome you to the ICOBAR & FIDI Joint Scientific Forum 2025. This year's theme, "Global Synergy for a Sustainable Future", aligns deeply with our university's vision of becoming a world-class university fostering and empowering society in building and serving the nation.

As we move towards our 45th anniversary milestone, BINUS University remains steadfast in its mission: to educate leaders of character, advance high-impact research, and contribute to the betterment of society through innovation and collaboration. Hosting this joint forum with the Ikatan Ilmuwan Indonesia Internasional (I4) and the Forum Ilmiah Diaspora Indonesia (FIDI) is a testament to our commitment to building bridges between local expertise and the global scientific community.

The values we uphold, which include excellence, perseverance, integrity, respect, innovation, and teamwork, are vividly reflected in the spirit of this event. Here, researchers from across the world converge to share insights, challenge assumptions, and collaborate on solutions to some of the most pressing issues facing our planet.

I encourage all participants to take full advantage of this opportunity to engage deeply in discussions, to forge partnerships that endure beyond the conference, and to contribute to a body of work that will inspire change for generations to come.

On behalf of BINUS University, I wish you a meaningful and enriching conference experience. May this gathering spark ideas, strengthen networks, and advance our collective mission towards a sustainable and harmonious future.

Dr. Nelly, S. Kom., M.M., CSCA
Rector, BINUS University

ABOUT ICOBAR-FIDI Joint Scientific Forum

Introduction

Theme: *“Global Synergy for Biospheric Resilience: Integrating Science, Innovation, and Sustainable Action”*.

We are pleased to announce the 7th edition of the International Conference on Biospheric Harmony (ICOBAR), hosted by BINUS University in collaboration with the Ikatan Ilmuwan Indonesia Internasional (I4) under the auspices of the Indonesian Diaspora Scientific Forum (FIDI). This year’s theme is “Global Synergy for Biospheric Resilience: Integrating Science, Innovation, and Sustainable Action.” We are excited to introduce an engaging and cohesive program, the ICOBAR & FIDI Joint Scientific Forum: Global Synergy for a Sustainable Future. This partnership sets a promising stage for an inspiring scientific gathering focused on enhancing global sustainability practices.

The Ikatan Ilmuwan Indonesia Internasional (I4) plays a vital role in promoting collaboration among Indonesian scientists, both within the country and from the diaspora, alongside various stakeholders in academia. This strategic alliance aims to facilitate dynamic two-way communication, strengthen the scientific community, and enhance partnerships across national and international networks. By combining the strengths of ICOBAR with the expansive reach of I4, we are nurturing an enriching environment for comprehensive scientific dialogue and collaboration.

Scheduled for August 23-24, 2025, this year’s joint forum will adopt a hybrid participation model, allowing a wider audience to engage in crucial discussions surrounding the concept of biospheric harmony. Our collaborative approach not only highlights Indonesia’s contributions to global sustainability efforts but also brings together distinguished researchers, innovators, and policymakers from both Indonesia and the international Indonesian diaspora.

In alignment with the United Nations Sustainable Development Goals (SDGs), this forum aims to address urgent environmental challenges through international cooperation. “Global Synergy for Biospheric Resilience” seeks to spark a vibrant exchange of scientific knowledge, innovative technologies, and sustainable practices. By integrating ICOBAR’s foundational principles with FIDI’s global network, we aspire to create new pathways for collaborative research and to contribute impactful solutions for the planet’s sustainability.

We are committed to providing an interactive and enlightening space for meaningful engagement. The forum will feature keynote addresses from esteemed figures at BINUS University, I4, and the global scientific community. Attendees can look forward to panel discussions and breakout sessions that offer numerous opportunities to share insights and work towards our shared goals for a resilient and sustainable future. This collaboration aims to enrich

discussions and foster impactful partnerships, driving significant outcomes in the realm of biospheric harmony.

We warmly invite researchers, practitioners, industry leaders, representatives from research institutions, R&D enterprises, and members of the global Indonesian diaspora to join us on this meaningful intellectual journey. We encourage submissions of original, unpublished papers that resonate with our theme, “Global Synergy for Biospheric Resilience: Integrating Science, Innovation, and Sustainability,” within the framework of ‘Global Science Harmony: A Joint Forum by ICOBAR & FIDI.’ This event presents a unique opportunity for knowledge sharing, international collaboration, and advancing a global conversation towards a more resilient future through integrated scientific and innovative efforts, significantly contributing to the achievement of the United Nations Sustainable Development Goals (SDGs)

Objectives of the Event

- a) To enhance collaboration between Indonesian diaspora scientists and domestic researchers in strategic and sustainable research initiatives.
- b) To promote the integration of science, technology, policy, and community action for biospheric resilience.
- c) To facilitate the exchange of ideas, research findings, and implementation models across various fields related to the environment and sustainability.
- d) To provide a platform for early-career researchers to showcase their work and build global collaborative networks.

Activities

- Grand Opening and Talk Show
- Panel Discussions
- Parallel Sessions (Hybrid & Onsite)
- Poster Session and Networking
- Networking Dinner

Date and Venue

Date : Saturday–Sunday, 23–24 August 2025

Venue : BINUS @Alam Sutera and BINUS @Mall Alam Sutera

Day 1 (23 August 2025): BINUS University @Alam Sutera – Hybrid Format

Day 2 (24 August 2025): BINUS University @Mall Alam Sutera – Online

Target Participants

- Researchers and academics from domestic and international institutions
- Indonesian Diaspora scientists
- Members of the International Association of Indonesian Scientists (I-4)
- University students
- Policymakers and industry professionals

KEYNOTE SPEAKERS

Prof. Dr. -Ing. Hendro Wicaksono

Prof. Dr.-Ing. Hendro Wicaksono is a Full Professor and Head of the Research Group on Data-Driven Industrial Systems at Constructor University Bremen, Germany. His research focuses on data-driven industry, trustworthy artificial intelligence, and sustainability management, integrating digital technologies into industrial and policy applications. He has led interdisciplinary projects that apply data and AI to improve industrial processes, inform policy decisions, and support sustainable development in manufacturing and public sectors. Collaborating with industry and international partners, he works on advancing transparent and ethically grounded AI systems. As a keynote speaker at ICOBAR 2025, he will present insights from his research and experience in digital transformation and sustainable industrial systems.

Dr. Stijn Cornelis van Huis

Dr. Stijn Cornelis van Huis is a legal scholar and lecturer at the Business Law Department of BINUS University, Jakarta, specializing in Indonesian law and society, access to justice, Islamic family law, and the legal status of women and children in Southeast Asia. He earned his Ph.D. in Law from Leiden University with research on women's divorce rights in Indonesian Islamic courts and has held postdoctoral positions at the Max Planck Institute for Comparative and International Private Law, Humboldt University, and Leiden University. His professional experience includes consultancy work on justice sector reform and legal development for various institutions. As a keynote speaker at ICOBAR 2025, he will address how digital-era societal changes affect traditional social and legal concepts.

Dr. Novalia Pishesha

Dr. Novalia Pishesha is an Assistant Professor at Harvard Medical School, USA, with expertise in biomedical science, immunology, bioengineering, and biotechnology. Her research focuses on developing immunotherapies and molecular engineering methods with potential applications in treating autoimmune diseases, cancer, and genetic disorders, linking fundamental science to clinical use. She is also active in fostering international scientific collaboration, particularly as part of the Indonesian scientific diaspora. At ICOBAR 2025, she will discuss the role of biomedical science in advancing sustainable and resilient healthcare systems.

Jithin Sundaresan, B.Tech., M.Tech., Ph.D.

Jithin Sundaresan, B.Tech., M.Tech., Ph.D. is a research-oriented academic currently serving at BINUS University International. His expertise spans Management Information Systems for Leaders and Wearable Technology (IoT), supported by a strong educational background from leading institutes in India. With extensive experience in teaching, conducting laboratory sessions, and designing experiments, Dr. Sundaresan combines practical application with academic rigor. He has held research positions as a Postdoctoral Fellow and Research Associate at the Indian Institute of Technology (IIT) Bombay, focusing on manufacturing technology. His

scholarly work has been published in reputable international journals, contributing valuable insights to the fields of technology and information systems.

Dr. Sundaresan has received multiple awards in recognition of his academic and research achievements. At ICOBAR 2025, he will share his perspectives on leveraging information systems and wearable technology to enhance leadership and drive innovation in the digital era.

Dr. Eng. Muhammad Aziz

Dr. Eng. Muhammad Aziz is an Associate Professor at the University of Tokyo, Japan, specializing in sustainable energy systems and advanced thermal engineering. His research addresses technologies for energy conversion, storage, and utilization, with a focus on improving efficiency and supporting environmental sustainability. He has published extensively and participated in international collaborations aimed at advancing energy-related research and applications. At ICOBAR 2025, he will present insights on the development and implementation of clean and efficient energy technologies.

Dr. Tia Mariatul Kibtiah, S. Ag., M.Si.

Dr. Tia Mariatul Kibtiah, S.Ag., M.Si., is a faculty member in the Department of International Relations at Binus University, Jakarta, whose research covers terrorism, social media, public opinion, Indonesian politics, and Middle Eastern affairs. She has published in internationally indexed journals on topics including Middle Eastern studies, public diplomacy, foreign policy, gender issues, and, more recently, economic cooperation and renewable energy. In 2023, she received a research grant from the Ministry of Education of the Republic of Indonesia for a project on renewable energy collaboration between Indonesia and the Middle East. She is also an active commentator in national and international media and a frequent speaker at academic and public forums.

Dr. Nisa Widyastuti

Dr. Nisa Widyastuti is a Research Scientist at the University of Otago, New Zealand, specializing in public health nutrition. Her work examines the social and environmental factors influencing dietary behavior and develops public health interventions to address nutritional inequalities. She has conducted research on culturally appropriate nutrition strategies, obesity prevention, micronutrient deficiencies, and food insecurity, with an emphasis on evidence-based policymaking. Collaborating with multidisciplinary teams, she focuses on translating research into practical programs that support health equity and sustainable food systems. At ICOBAR 2025, she will discuss the role of nutrition in building healthy and resilient societies.

Dr. drh. Diena Dwidienawati, M.M.

Dr. drh. Diena Dwidienawati Tjiptadi, M.M., CHRMP, CIFM, CRMP, CSLP, is the Head of the Business Management Program at BINUS Business School, Indonesia, where she teaches leadership, strategy execution, and sustainability. Her research covers female leadership, Generation Z behavior, sustainability in business, and digital transformation. She has over 20

years of experience in the pharmaceutical industry, including serving as CEO of PT Eisai Indonesia and holding executive positions at Johnson & Johnson, Abbott, and Roche. Holding multiple professional certifications in human resources, finance, risk, and logistics, she also facilitates corporate training for various organizations, integrating industry experience with academic perspectives.

Januar Widakdo, S.Si., M.Sc., Ph.D

Dr. Januar Widakdo is an Assistant Professor at Universitas Indonesia, specializing in advanced membrane technology, material physics, and applied physics. His research focuses on developing high-performance membranes for energy, environmental, and industrial applications, with an emphasis on improving filtration efficiency, selectivity, and sustainability. Combining theoretical and applied approaches, he collaborates with national and international partners and has published extensively in peer-reviewed journals. At ICOBAR 2025, he will discuss recent developments in membrane technology and their applications in addressing energy and environmental challenges.

Kartika Yulianti, Ph.D.

Dr. Kartika Yulianti is a faculty member at the Character Building Development Center (CBDC), BINUS University, Jakarta, with research interests in Character Building–Civics and Pancasila, teacher education, educational leadership, and family–school–community partnerships. Her work examines the integration of Sustainable Development Goals (SDGs) and project-based learning into Character Building–Civics to strengthen students' graduate attributes, as well as transformational leadership and parental involvement in education within the Indonesian context. She serves on the Editorial Board of The Qualitative Report and the Editorial Review Board of the School Community Journal. At ICOBAR 2025, she will discuss the role of higher education in advancing the SDGs.

LIST OF COMMITTEES

Steering Committee

Advisory Board	Dr. Nelly, S. Kom., M.M., CSCA
Steering Chair	Prof. Dr. Juneman Abraham, S. Psi., M. Si.

Organizing Committee

Organizing Chair	Hilda Farida, S.P., M.Sc.
------------------	---------------------------

Co-Scientific Chair	Anzaludin Samsinga Perbangsa, S.Kom., MMSI.
Deputy Co-Scientific Chair	Brilly Andro Makalew, S.Kom., MTI.
Finance & Treasury Team	Herlina, S. Kom.
	Sri Handayani, S.I.Kom.
Secretary	Dewi Novianti, S.Si.
	Yohanes Albert Kembarenta, S.A.B.
Paper Review & Publication Team	Prof. Dr. Ir. Sasmoko, M.Pd., M.A., CIRR, IPU, ASEAN Eng., SMIEEE,
	Prof. Dr. Nesti F. Sianipar, S.P., M.Si.
	Ir. Dave M., S.T., M.T., Ph.D., MRSC, AMIChemE, IPU, ASEAN Eng.
	Dr.rer.nat Dtdit Nugeraha Utama, S.Kom., MMSI.
	Dr. Joice Yulinda Luke, S.Pd., M.Hum
	Dr. Syauqi Abdurrahman Abrori
	Dr. Maryani, S.Kom, MMSI., CDMS,
	Supria, M.Sc
	Khoirunnisa Assidqi, S.Pi., M.Si.
	Advendio Desandros, S.Si., M.Sc.
	Ancellmus Mario Taruliasi, S.H.Int.
	Merlin Reineta, S.Bns., M.Kom
Editorial	Haryo Sutanto, S.S., M.I.Kom
	Winda Rosa Pratiwi, S.Hum.
	Eka Yanti Pangputri, S.S.
	Garin Nafisah Karina, S.Pt.,M.Pt.
Co-Technical Chair	Ancellmus Mario Taruliasi, S.H.Int.
Secretary & Registration Team	Desri Fatimah Natalia Tambunan, S.E., M.I.Kom.
	Dirgansyah Ismail, S.ST
Logistics & Accommodation Team	Bagas Rizky Ramadhan, B.IAM.
	Sri Handayani, S.I.Kom.
IT, Zoom, & Technical Support Team	Brilly Andro Makalew, S.Kom., MTI.
	Ridhwan Bugiansyah Rasid, S.E., S.Kom.
Documentation	Dewa Ayu Defina Audrey Nathania, S.Kom., MTI

	Haryo Sutanto, S.S., M.I.Kom.
	I Gusti Bagus Agung Oka, S.Ikom
Co-Public Relations Chair	Tommy Prayoga, M.Psi.
Creative Design Team	I Gusti Bagus Agung Oka, S.Ikom
Networking & Liaison Team	Tsabita Dinillah, S. Pd.
	Hilda Farida, S.P., M.Sc.
Recruitment Team	Gita Rahmaningsih, S.Si., M.K.M
	Holil, S.Kom.
Event Communication Team	Syarli Annisa Noorsyablina, S.Hum

List of Reviewers

No.	Name	Affiliation
1.	Abdul Rasyid, SHI, MCL., Ph.D.	Bina Nusantara University
2.	Abdul Aziz, S.Sn., M.Med.Kom.	Bina Nusantara University
3.	Dr. Ade A.S Fajarwati, S.Sn., M.Sn.	Bina Nusantara University
4.	Advendio Desandros, S.Si., M.Sc	Bina Nusantara University
5.	Dr. Agus Munandar, SE., M.Sc., CPMA, AFA	Unuversitas Esa Unggul
6.	Agustinus Oey, S.T., M.T., Ph.D.	VizWave
7.	Dr. Ir. Alexander Agung Santoso Gunawan, S.Si., M.T., M.Sc., PCAP	Bina Nusantara University
8.	AM Sjarif	Government Org
9.	Amarena Nediari, S.Sn., M.Ds	Bina Nusantara University
10.	Amir Tjolleng, S.Si., M.Sc., Ph.D.	Bina Nusantara University
11.	Andhika Pramalystianto, S.T., M.Ds.	Bina Nusantara University
12.	Andi Pramono, S.T., M.Arch	Bina Nusantara University
13.	Andi Wiliam	Bina Nusantara University
14.	Ir. Andreas Romulo, S.T.P., M.Sc., Ph.D., IPM, MQM.	Bina Nusantara University
15.	Andrie Harmaji, S.T., M.T.	UQAC
16.	Dr. Anita Maharani, S.E., M.M., CPAS	Bina Nusantara University
17.	Dr. Anita Rahayu, S.Si., M.Si.	Bina Nusantara University
18.	Dr. Annetta Gunawan, S.E., M.M.	Bina Nusantara University

No.	Name	Affiliation
19.	Muhammad Ariono Margiono, S.IP, MSc (ECON), MM, Ph.D.	Bina Nusantara University
20.	Dr Arsa Widitiarsa Utoyo., M.Sn	Universitas Multimedia Nusantara
21.	Dr. Arta Moro Sundjaja, S.Kom., S.E., M.M., CDMS	Bina Nusantara University
22.	Dr. Ir. Aslan Alwi., S.Si., M.Cs	UNIVERSITAS MUHAMMADIYAH PONOROGO
23.	Aulia Akhrian Syahidi, M.Kom	Faculty of International College, Thai-Nichi Institute of Technology
24.	Prof. Bachtiar H. Simamora, Ph.D.	Bina Nusantara University
25.	Benny, S.Kom., S.Dt.B, M.Pd.	Bina Nusantara University
26.	Dr. Bhermadetta Pravita W, S.Sos., M.Si.	Bina Nusantara University
27.	Brilly Andro Makalew, S.Kom, M.T.I.	Bina Nusantara University
28.	Bryna Meivitawanli, S.E., MBA, Ph.D.	Bina Nusantara University
29.	Candy Reggi Sonia, S.Ds., M.Ds.	Bina Nusantara University
30.	Chairani Putri Pratiwi, B.Sc., M.Si.	Bina Nusantara University
31.	Christian Harito, S.T., Ph.D.	Bina Nusantara University
32.	Dr. Christiana Sidupa, S.Pd., M.Hum	Bina Nusantara University
33.	Prof. Dr. Dra. Clara Herlina Karjo, M.Hum.	Bina Nusantara University
34.	Ir. Dave Mangindaan, S.T., M.T., Ph.D., MRSC, AMIChemE, IPU, ASEAN Eng.	Bina Nusantara University
35.	Dendy Rosman, BHospMgmt., M.Buss (Acc).	Bina Nusantara University
36.	Dr. Desman Hidayat, S.Kom., M.M.	Bina Nusantara University
37.	Dewa Ayu Defina Audrey Nathania, S.Kom., M.Kom.	Bina Nusantara University
38.	Dr. Ir. Dewi Tamara, MM., MS., CERA, CBV	Bina Nusantara University
39.	Dicky Hida Syahchari, S.T., M.M., Ph.D.	Bina Nusantara University
40.	Dr. Didi Sundiman, S.T., M.M	Universitas Universal
41.	Dr. drh. Diena Dwidienawati, M.M.	Bina Nusantara University
42.	Dr. Dina Sekar Vusparatih, S.IP., M.I.Kom.	Bina Nusantara University

No.	Name	Affiliation
43.	Dr. Doni Purnama Alam Syah, S.Kom, MM	Bina Nusantara University
44.	Dr. Dony Saputra, S.Kom, M.M., M.Kom, CPHRM, HRMP, HRBP	Bina Nusantara University
45.	Drajad Wiryawan, S.E., M.M., CEH., CHFI, CSCA, CBDMP, PSM I, CDAP	Bina Nusantara University
46.	Ir. Eddy Wijanto, S.T., M.T., Ph.D., IPU.	Universitas Kristen Krida Wacana
47.	Ekky Imanjaya, SS., MHum., MA., Ph.D.	Bina Nusantara University
48.	Elioenai Sitepu, S.T., M.Sc., Ph.D.	Bina Nusantara University
49.	Elko Priatama, S.Kom, M.M.S.I.	Bina Nusantara University
50.	Emny Harna Yossy, S.Kom., M.T.I.	Bina Nusantara University
51.	Endang Djuana, ST. MEng. PhD	Universitas Trisakti
52.	Dr. Erick Fernando, S.Kom., M.S.I.	Universitas Multimedia Nusantara
53.	Erika Takidah, S.E. M.Si	Universitas Negeri Jakarta
54.	Faisal Asadi, S.T, M.Sc.	Bina Nusantara University
55.	Dr. Farah Levyta, SST., M.Par, CHE	Bina Nusantara University
56.	Fitri Catur Lestari, S. Si. , M. Si.	Politeknik Statistika STIS
57.	Fitriya, S.E., MBA, Ph.D.	Bina Nusantara University
58.	Dr. Franklin G. Talaue, M.A.Engl.	Bina Nusantara University
59.	Fransisca Tiur Basaria, S.T., M.Sc	Bina Nusantara University
60.	Friska Amalia, S.Ds., M.Ds.	Bina Nusantara University
61.	Galih Dea Pratama, S.Kom., M.Kom.	Bina Nusantara University
62.	Dr. Geni Kurniati, M.Hum.	Academic Writing Center Universitas Indonesia
63.	Dr. Glory Aguzman, S.Sos., M.M., CDMS, CCP	Bina Nusantara University
64.	Grasheli Kusuma Andhini, B.A (Hons)., MA	Bina Nusantara University
65.	Dr. Gunawan Wang, S.T., MMSI, M.Pd., M.Com(IS), CBV, CDMS	Bina Nusantara University
66.	Hana Ulinnuha, S.ST., MSc.	Bina Nusantara University
67.	Handoko, Ph.D.	Satya Wacana Christian University

No.	Name	Affiliation
68.	Haryo Sutanto, S.S., M.I.Kom	Bina Nusantara University
69.	Dr Helmi Muhammad, S.E., M.M	Universitas Islam Raden Rahmat
70.	Dr. Hendry Hartono, S.E., M.M., CIRR, CLMA, CSCMP	Bina Nusantara University
71.	Heru Setyabudi	Bina Nusantara University
72.	Ida Bagus Kerthyayana Manuaba, S.T., Ph.D.	Bina Nusantara University
73.	Ignatius Edward Riantono, S.E., M.Ak., CCFA, CertDA, CPHCM, Cert.BV	Bina Nusantara University
74.	Immanuela Puspasari Saputro, S.Si., M.T.	Bina Nusantara University
75.	Dr. Ina Agustini Murwani, M.M., MBA.	Bina Nusantara University
76.	Indra Gamayanto, S.T., MITM	Dian Nuswantoro University
77.	Indra Kusumawardhana, BA., M.Sc	Bina Nusantara University
78.	Dr. Ir. Indrajani, S.Kom., M.M.	Bina Nusantara University
79.	Irmawan Rahyadi, S.Sos., Mgr, Ph.D.	Bina Nusantara University
80.	Jimmy Sapetra, S.S., M.Pd.	Bina Nusantara University
81.	Dr. Joice Yulinda Luke, S.Pd., M.Hum	Bina Nusantara University
82.	Dr. Ir. Juliastuti, M.T.	Bina Nusantara University
83.	Dr. Julisar Surjadi, S.E., Ak., M.M., CA.	Trisakti School of Management
84.	Kristien Margi Suryaningrum, S.Kom., M.Cs.	Bina Nusantara University
85.	Dr. Lasmy, S.Kom., M.M.	Bina Nusantara University
86.	Leon Andretti Abdillah, S.Kom., M.M	Universitas Bina Darma, Indonesia; INTI International University, Malaysia; Chung Hua University, Taiwan
87.	Lucas Okah Elumah	Nile University, Nigeria
88.	Miranda Hotmadia Tanjung, S.E., M.M, Ph.D., CertSF	Bina Nusantara University
89.	Margaretha Ohyver, S.Si., M.Si.	Bina Nusantara University
90.	Dr. Maria Grace Herlina, S.Sos., MM.	Bina Nusantara University
91.	Dr. Maria Seraphina Astriani, S.Kom., M.T.I.	Bina Nusantara University

No.	Name	Affiliation
92.	Mario Nugroho, S. Kom., M.Pd.	Bina Nusantara University
93.	Dr. Marko S Hermawan, CA, CPMA, ACPA, CertDA	Bina Nusantara University
94.	Dr. Maryani, S.Kom, MMSI., CDMS, CBDMP	Bina Nusantara University
95.	Merlin Reineta, S.Bns, M.Kom	Bina Nusantara University
96.	Prof. Dr. Dra. Mita Purbasari Wahidiat, M.F.A.	Bina Nusantara University
97.	Dr. Moch. Doddy Ariefianto, S.E., M.S.E	Bina Nusantara University
98.	Dr. Mochammad Fahlevi, S.Pd.I., M.M, M.A.	Bina Nusantara University
99.	Mohamad Ikhsan Modjo, SE., M.Comm., Ph.D.	Bina Nusantara University
100.	Dr. Mokhammad Ridwan Yudhanegara	Universitas Singaperbangsa Karawang
101.	Muhammad Yusuf	Badan Riset dan Inovasi Nasional
102.	Dr. Mulyono, S.E., M.M.	Bina Nusantara University
103.	Prof. Dr. Nesti F. Sianipar, S.P., M.Si.	Bina Nusantara University
104.	Dr. Gisela Nina Sevani, S.Kom., M.Si., M.M.	Krida Wacana Christian University
105.	Dr. Nopriadi Saputra, S.T., M.M., M.A.P.	Bina Nusantara University
106.	Dr. Norhaidah A. Haris	Universiti Kuala Lumpur
107.	Prof. Nugroho Juli Setiadi, S.E., M.M., Ph.D.	Bina Nusantara University
108.	Nur Alamsyah, S.T., M.Kom	Universitas Informatika Dan Bisnis Indonesia (UNIBI)
109.	Dr. Noerlina, S.Kom., M.M., CDMS	Bina Nusantara University
110.	Dr. Ir. Oki Setyandito, ST., M.Eng., IPM	Bina Nusantara University
111.	Okta Prihatma Bayu Putra, S.Kom., M.B.A.	Bina Nusantara University
112.	Oscar Karnalim, S.T., M.T., Ph.D	Maranatha Christian University
113.	Paramitaningrum, Ph.D.	Bina Nusantara University
114.	Dr. Prio Utomo, S.T, MPC	Universitas Multimedia Nusantara
115.	Purwoko Ajie, S.S., M.Sos	Sebelas Maret University Surakarta
116.	Reggie Surya, S.T.P., M.Sc., Ph.D.	Bina Nusantara University

No.	Name	Affiliation
117.	Rhevy Adriade Putra, S.I.P., M.A., Ph.D.	Bina Nusantara University
118.	Ria Damayanti, S.Sos., M.I.Kom	Bina Nusantara University
119.	Dr. Ridha Sefina Samosir, S. Si., M. Kom	Kalbis University
120.	Dr. Ridho Bramulya Ikhsan, S.E., MM	Bina Nusantara University
121.	Dr. Rima Devi, S.S., M.Si	Universitas Andalas
122.	Dr. Rita Ambarwati Sukmono, S.E., M.MT	Universitas Muhammadiyah Sidoarjo
123.	Dr. Ir. Riza Ainul Hakim Suwondo, S.T., M.Sc, IPM, ASEAN Eng.	Bina Nusantara University
124.	Rosaline Tandiono, S.E., M.Com., Ph.D., CertDA	Bina Nusantara University
125.	Rosidah, S.Psi., MBA, PhD	Bina Nusantara University
126.	Dr. Rowell Diaz	Nueva Ecija University of Science and Technology
127.	Rudi, S.E., M.T.	Bina Nusantara University
128.	Dr. Samsul Arifin, S.Si., M.Sc	Institut Teknologi Sains Bandung
129.	Santa Hosiana Mandalahi, M.M	Bina Nusantara University
130.	Dr. Sari Wulandari, S.Sn., MSn.	Bina Nusantara University
131.	Prof. Dr. Ir. Sasmoko, M.Pd., M.A., CIRR, IPU, ASEAN Eng., SMIEEE	Bina Nusantara University
132.	Dr. Sekar Wulan P, S.Si., M.Pd.	Bina Nusantara University
133.	Dr. Setiani Putri Hendratno, S.E., M.Ak., CertDA, CME	Bina Nusantara University
134.	Prof. Dr. Ir. Sevenpri Candra, S.Kom., S.E., M.M., ASEAN Eng.	Bina Nusantara University
135.	Sidharta, S.Si., M.MT.	Bina Nusantara University
136.	Ir. Simeon Yuda Prasetyo, S.Kom., M.Kom.	Bina Nusantara University
137.	Sitairesmi Wahyu Handani	National Taiwan University, Universitas Amikom Purwokerto
138.	Sonya Rapinta Manalu, S.Kom., M.T.I.	Bina Nusantara University
139.	Dr. Sulistyo Heripracoyo, S.I.P., M.M.	Bina Nusantara University
140.	Supria, S.Si, M.Sc.	Bina Nusantara University
141.	Syahrul Effendi, S.E., MM.	Bina Nusantara University

No.	Name	Affiliation
142.	Dr. Syauqi Abdurrahman Abrori, S.T., M.T.	Bina Nusantara University
143.	Dr. Ir. Tanty Oktavia, S.Kom, M.M., IPM	Bina Nusantara University
144.	Titi Indahyani, S.Sn., M.M., Ph.D.	Bina Nusantara University
145.	Dr. Tiurida Lily Anita, SST.Par., M.M.	Bina Nusantara University
146.	Tommy Prayoga, S.Psi., M.Psi	Bina Nusantara University
147.	Ulfa Yuniati	Universitas Muhammadiyah Bandung
148.	Valentina Tohang, SE., M.Bus(ERP), M.Bus (Acc).	Bina Nusantara University
149.	Dr. Ng To Ye Vincent	HK PolyU
150.	Drs. Vinsensio Marselino Arifin Dugis, MA., Ph.D	ASEAN Studies Center, Universitas Airlangga
151.	Dr. Wahyu Sardjono, S.Si, M.M., CBDMP	Bina Nusantara University
152.	Wahyu Syahputra, S.Psi, M.Psi.	Bina Nusantara University
153.	Prof. Dr. Weli Imbiri, S.Kom., M.Si.	Universitas Katolik Indonesia Atma Jaya
154.	Wina Permana Sari, S.T., M.Kom.	Bina Nusantara University
155.	Wiwin Suwarningsih, M.T.	National Research and Innovation Agency (BRIN)
156.	Prof. Ir. Yanthi Rumbina Ianova Hutagaol, M.Acc., Ph.D.	Bina Nusantara University
157.	Dr. Yenny Rahmayati	Prince Sultan University
158.	Prof. Dr. Ir. Yohannes Kurniawan, S.Kom., S.E., MMSI.	Bina Nusantara University
159.	Dr. Yuli Eni, S.E., S.Kom., M.M., CDMS, CBV	Bina Nusantara University
160.	Dr. Yulius Denny Prabowo, S.T., M.T.I.	Bina Nusantara University
161.	Dr. Ir. Yulyani Arifin, S.Kom., M.M., IPP	Bina Nusantara University
162.	Dr. Yuniarty, S.E., M.M.S.I	Bina Nusantara University

EVENT RUNDOWN

The onsite presentation session will run on August 23rd, 2025, while the online presentation session will run on August 24th, 2025.

Day 1 – Saturday, 23 rd August 2025		
https://www.binus.tv/live-streaming-event/		
Time	Agenda	Location
08.00 - 09.00	Registration	Auditorium
09.00 - 09.05	Opening	
09.05 - 09.10	Opening Speech Chair ICOBAR 2025: Hilda Farida, S.P., M.Sc	
09.10 - 09.15	Opening Speech from Ikatan Ilmuwan Indonesia Internasional (I-4): Dr. Fatwa Firdaus Abdi, Ph.D.	
09.15 - 09.20	Opening Speech from Vice Rector of Research and Technology Transfer: Prof. Dr. Juneman Abraham, S.Psi., M.Si.	
09.20 - 09.25	Opening Speech DIRJEN RISBANG KEMDIKTISAINTEK: Dr. Fauzan Adziman, S.T., M.Eng.	
09.25 - 09.30	Opening Speech Rector of BINUS University: Dr. Nelly, S. Kom., M.M., CSCA	
09.30 - 09.40	Opening to Talk Show	
09.40 - 10.00	Keynotes Speaker: Prof. Dr. -Ing. Hendro Wicaksono	
10.00 - 10.20	Keynotes Speaker: Assoc. Prof. Muhammad Aziz	
10.20 - 10.40	Keynotes Speaker: Dr. Stijn Cornelis van Huis, Ph.D.	
10.40 - 11.00	Keynotes Speaker: Jithin Sundaresan, B.Tech., M.Tech., Ph.D.	
11.00 - 11.50	Discussion and Q & A	
11.50 - 12.05	Sponsor	
12.05 - 12.20	Closing	
12.20 - 13.30	Break	1. VVIP at Auditorium 2. ICOBAR participants at Classroom A0503 3. External at Classroom B0504
13.30 - 18.00	Poster Exhibition	Lobby/Atrium BINUS @Alam Sutera
	3 minutes Research Lightning Talk by FIDI Participants Session 1:	Classroom: C0304
	- Dr. Eko Heru Prasetyo - Dr. Riskina Juwita - Davin H. E. Setiamarga, Ph. D.	
	Session 2:	
	- Prof Delvac Oceandy, MD, PhD - Dr. Nisa Widyastuti - Dr. Edza Aria Wikurendra	
	Session 1:	Classroom: B0302
	- Dr. Fatwa Firdaus Abdi, Ph.D. - Januar Widakdo, S.Si., M.Sc., Ph.D	
	Session 2:	
	- Prof. Dr. Ir. Buntara Sthenly Gan - Prof. Dr. -Ing. Hendro Wicaksono - Muhammad Aziz, Dr.Eng.	

Day 1 – Saturday, 23rd August 2025

<https://www.binus.tv/live-streaming-event/>

Time	Agenda	Location
	ICOBAR 2025 Presentation (Onsite)	Creative Room: C0205, C0206, C0210, C0212, C0311, C0312, C0401, C0406, C0410, C0411
18.00 - 18.30	Break	

Day 2 – Sunday, 24th August 2025

Time	Agenda	Location
09.00 - 10.00	Registration	Atrium Mall Alam Sutera
10.00 – 10.05	Opening Panel Discussion Session	Atrium Mall Alam Sutera
10.05 – 10.10	Opening Chair BINUS: Prof. Dr. Juneman Abraham, S.Psi., M.Si.	
10.10 – 10.15	Opening General Secretary of I-4: Riskina Juwita, Ph.D.	
10.15 – 10.40	Panelists Session 1: Novalia Pishesha, Ph.D	
10.40 – 11.00	Panelists Session 1: Dr. Nisa Widyastuti	
11.00 – 11.20	Panelists Session 1: Januar Widakdo, S.Si., M.Sc., Ph.D	
11.20 – 11.40	Panelists Session 2: Dr. Tia Mariatul Kibtiah, S. Ag., M.Si.	
11.40 – 12.00	Panelists Session 2: Dr. drh. Diena Dwidienawati, M.M.	
12.00 – 12.30	Panelists Session 2: Kartika Yulianti, S.Pd, M.Sc, Ph.D.	
12.20 – 12.40	Q & A	
12.40 – 12.45	Closing	
12.45 – 13.30	Break & Poster Exhibition	
13.30 – 14.00	DIPI (Dana Ilmu Pengetahuan Indonesia) Presentation	Classroom: M0102
14.00 – 17.00	Matching Program & Networking with Diaspora (Talk Show): Networking with Diaspora on Research Opportunities & Research Matching Program (Moderator: Dr. Riskina Juwita)	
13.30 - 18.00	ICOBAR 2025 Presentation (Online Session)	Classroom: M103, M106, M107, M108, M109, M110

PAPER PRESENTATION (ONSITE SESSION)

Session 1 (Saturday, 23rd August, 13:30 – 15:30 WIB)

Room C0205

Session Chair: Dr. Tiurida Lily Anita, SST.Par., M.M.

Time	Paper ID	Authors	Title
13.30-13.45	633	Zahran, Fauzan*	The Role of Pitraloka Nusantara in Immersive Cultural Heritage Experience for Innovative Museum Infrastructure
13.45-14.00	151	Talaue, Franklin*; Setiawan, Michael ; Trehy, Paul Denis	“Awash in Whiteness” No More? Local Agency and Cultural Sustainability in Jakarta’s IB School Leader-ship
14.00-14.15	717	Latif, Fauzia; Rachmayanti, Ika*	Reimagining Urban Materials: Upcycling Plastic Waste into Street Furniture and Façades for Sustainable Urban Innovation. Case Study: Arah Coffee Blok M, Jakarta
14.15-14.30	822	Pangestu Wonohardjo, Eduard*; Denny Prabowo, Yulius	Architectural Design of Smart Home Automation using Edge Computing
14.30-14.45	294	Yudistira, Lovella Kania; Fajarwati, Ade Ariyani Sari*	Integrating Kusamba’s Heritage in Salt Therapy Design for Sustainable Wellness Tourism
14.45-15.00	302	Alfarisy, MHD. Rafi*; Fajarwati, Ade Ariyani Sari	Licensed Mascot Character Design for Sustainable Promotion of Minangkabau Cultural Tourism
15.00-15.15	763	Bakhrir, Norfarizah Binti Mohd; Wahidiyat, Mita*	Cultural Governance and Community Empowerment through Co-Design Policy: A Case Study of Batik Revitalization in Jember
15.15-15.30	436	Wahidiyat, Mita*; Bakhrir, Norfarizah Mohd; Kuncoro, Engkos Achmad; Dirgantoro, Bayu; Yuliasuti, Yuliasuti	Sustainability Based on Co-Creation: Collaboration in Revitalizing Jember Batik Motifs

*Corresponding author

Room C0206

Session Chair: Nur Sitha Afrilia, S.S., M.S.

Time	Paper ID	Authors	Title
13.30-13.45	404	Wirayudha, Adi *; Wahidiyat, Mita	Badui Woven Cloth Virtual Try-On Innovation Prototype for Sustainable Cultural Preservation
13.45-14.00	730	Kumala, Febbie*; Wulandari, Sari	Congklak For Early Childhood Education: Innovative Learning Instrument to Build Sustainable Resilient Characters
14.00-14.15	541	Ongowarsito, Patricia*; Brilliantari, Gustyandra ; Prawira, Indra	System Perspective on AI Over-Reliance among Higher Education in Indonesia
14.15-14.30	812	Wijaya, Jesselin*; Saragih, J F Bobby	Integrating Multisensory Architecture in Inclusive School Design: A Sustainable Approach to Learning Environments
14.30-14.45	371	Noventy, Marcellina*; Sari, Mungky	Educational Technology on Instagram @komnasperempuan During 2020–2024 (Case Study: Annual Report of Komnias Perempuan)
14.45-15.00	602	Nityaputri, Naura*; Nurdiani, Nina	Evaluating Universal Design Principles for Students with Disabilities at Nature-Based Schools in Greater Jakarta
15.00-15.15	217	Salsabil, Nida*; Rifai, Irfan	Revisiting Theory, Perception and Practice of Multimodal Pedagogy in Indonesian EFL Class

Time	Paper ID	Authors	Title
15.15-15.30	533	Chandra, Rafa*; Paramita, Ratna; Widyaningrum, Dwiyantari	Bio-Leather Exploration from Renewable Resources; A Circular Material Innovation

*Corresponding author

Room C0210

Session Chair: Dr. Glory Aguzman, S.Sos., M.M., CDMS, CCP

Time	Paper ID	Authors	Title
13.30-13.45	87	Suprpto, Adi Teguh*	STARA Awareness and Turnover Intention: Future Career Opportunities as Mediator Across Indonesian Industries
13.45-14.00	828	Najwa Karima, Amanda*; Bismo, Aryo	"Not Just Pretty Posts": How Micro-Influencer Credibility and Content Value Drive Generation Z's Purchase Intention and Foster Innovation in Local Beauty Industry
14.00-14.15	666	Rotua Turnip, Anastasia; Wulandari, Sari*	Preventing Overconsumption in Consumer Behavior by Using Persuasive Systems Design (PSD) in Personal Beauty Product Management Mobile Application
14.15-14.30	554	Ang, Andrew; Bernado, Brandon; Adiputra, Indra*	Beyond Titles and Tasks: What Really Builds Sustainable Team Effectiveness in the Workplace
14.30-14.45	476	Maharani, Anita*; Tamara, Dewi; Heriyati, Pantri; Furinto, Asnan	Enhancing Organizational Commitment Through Digital Employee Experience: SDG-Aligned Strategies for Workforce Well-Being and Innovation
14.45-15.00	175	Rabiah, Arbi*	Key Factors Affecting the Adoption of Mobile Shopping Among Educated Youth in Jakarta
15.00-15.15	544	Jane Audrey, Chrysthalia; Jiwasiddi, Angtyasti*	Live, Like, Buy: IT Affordance and Scarcity in TikTok Beauty Commerce
15.15-15.30	375	Susanto, Ariq Dwi; Putra, Argya Zahran; Maulana, Rifqy Ahmad; Masruroh, Masruroh*	The Evidence from Gen Z's Role in Massive Growth Local Coffee Shops: The Effect of Innovation Product and Knowledge on Purchase Intention, Mediated by Brand Image

*Corresponding author

Room C0212

Session Chair: Andrea Stevens Karnyoto, S.Kom, M.T., Ph.D.

Time	Paper ID	Authors	Title
13.30-13.45	214	Amirudin, Lukmansyah*; Setiwati, Rini	Artificial Intelligence-Driven Human Resources Systems and Organizational Culture: Advancing Gender Equality in Indonesia
13.45-14.00	71	Fernando, Fernando; Lasahido, Valent; Amirudin, Lukmansyah*	Sustainable Organizational Citizenship Behavior Development to Promote Decent Work and Economic Growth
14.00-14.15	185	Noviandi, Evelyn*; Basuki, Najwa Valerine; monoarfa, Syakirah	The Impact of AI Implementation on Company Operational Efficiency: Analysis Based on Activity Ratios
14.15-14.30	215	Vannessa, Vannessa*; Sari, Mungky	The Role of Artificial Intelligence in Modern Content Creation
14.30-14.45	102	Tanjaya, Vinita*; Nasution, Joanne; Manalu, Sonya; Shiddiqi, Hafizh	Accuracy Analysis of Tesseract OCR in Text-Based CAPTCHA Solving
14.45-15.00	288	Moniaga, Jurike; Chowanda, Andry; Untariady, Vito*	Emotion-Sensitive Interaction Framework Using Facial and Speech Data

Time	Paper ID	Authors	Title
15.00-15.15	650	Daffa, Yusran*; Jaya, Steven; Pratama, Galih Dea	Effectiveness of Serious Game in Increasing Understanding of Malware Threats
15.15-15.30	528	Cianathan, Zelig*; Kent, Melvin; Rahayu, Cindy	Machine Learning Models for Detecting Mental Health

*Corresponding author

Room C0311

Session Chair: Dr. Amia Luthfia, S.P., M.Si

Time	Paper ID	Authors	Title
13.30-13.45	243	Wahyuningtyas, Bhernadetta*; Juwita, Siti Annaja Febryanti ; Sumbogo, Tri Adi ; Affandi, Roseno Aji; Pradipto, Yosef Dedy	Melodic Legacies: The Implementation of Communicating Sustainability in Intergenerational Indonesian Traditional Music
13.45-14.00	827	Evelina , Lidya *; Rasjid , Zulfany	Sustainable Immersive Model in Wayang Museum to Preserve Cultural Heritage and Promote Visitors' Experience
14.00-14.15	714	Widyokusumo, Lintang*	Wayang Eblek Babad Wanamarta as an Interactive Educational Media to Introduce Cultural Heritage to Children
14.15-14.30	372	Adele, Patricia*; Pramono, Suyin; Abdullah, Nazilah	Sustainable Experience Technology Using Kinetic Renewable Energy Systems Application at Glodok Chinatown, Jakarta
14.30-14.45	584	Wicaksono, Pratisara Adhi Dasa Anno*; Puspitasari, Dyah Gayatri	Evaluating Dementia-Friendly Wayfinding's Impact on Autonomy: A Case Study in Kebun Baru, Singapore
14.45-15.00	284	Loekman, Tashannie Abigail; Andhini, Grasheli*	Experimental Reuse of PLA Waste for Sustainable Fashion Tags
15.00-15.15	810	Hidayat, Nadya Salsabilla; Putri, Marcella Monalisa ; Zahra, Kania Fitri; Nursanti, Tinjung Desy*	Leveraging Digital Marketing and Innovation Capability in SME Digital Ecosystems for Sustainable Customer Experience of Colenak Murdi Putra
15.15-15.30	795	Vijayan, Vipin; Saju, K K; Sundaresan, Jithin*	Green Machining of Sustainable Copper Alloys: Optimization of Energy Consumption and Surface Functionality in Electrical Discharge Machining

*Corresponding author

Room C0312

Session Chair: Dr. Arta Moro Sundjaja, S.Kom., S.E., M.M., CDMS

Time	Paper ID	Authors	Title
13.30-13.45	213	Putriana, Ester*; Rahmah Annisa, Aliyah; Rizkiansyah, Mariko	The Influence of Artificial Intelligence (AI) In Capcut on Increasing Creativity and Efficiency of Video Editing
13.45-14.00	768	Wijaya, Angie Edilia*; Wicaksono, Celine Valentina; Nurcahyo, Rianto	The Roles of Digital Transformation Towards Economic Resilience Sustainability in Real Estate Sector in Indonesia
14.00-14.15	526	Jeremy, Nathanael*; Cahyadi, Bryan; Winoto, Agustinus	Enhancing Peace and Justice in Business: Utilizing the Fraud Hexagon to Prevent Noncash Asset Misappropriation in Indonesian Retail Companies
14.15-14.30	743	Wimpertiwi, Doty *; Pratama, Felix ; Kusumadjaya, Jason Benaya	Digital Transformation: Empowering Indonesian MSMEs for Global Reach through e-Commerce, Social Media, and Digital Literacy.

Time	Paper ID	Authors	Title
14.30-14.45	786	Sardjono, S.Si, M.M., CBDMP, Dr. Wahyu ; Furqon, Muhamad Abdul*	Implementing a Knowledge Management System to Improve Operational Efficiency and Service Quality in The Travel Industry: A Case Study of PT. Tritama Jaya Wisata in Support Of Sustainable Development Goals (SDG 8 and SDG 9)
14.45-15.00	201	Basaria, Fransisca*; Andrea, Patricia Keva; Hanum, Amanda Najwa; Ahnaf, Zafier Ahmeda	Ergonomic Innovation for Organized Medical Supply Storage in Outpatient and Laboratory Environments
15.00-15.15	131	Farissa, Reynadya*; Hoiri, Tiara Delphin Marulita; Adani, Nobelia Maestri; Mustikasari, Faranita	Promoting Innovation and Sustainable Infrastructure Through Omnichannel Integration in Indonesian Cosmetic Retail Industry
15.15-15.30	177	setiawati, Rini*; Amirudin, Lukmansyah	Driving Business Sustainability Through Digital Transformation, Ethics, Responsibility and Sustainable Innovation

*Corresponding author

Room C0401

Session Chair: Dr. Mei Rianto Chandra, S.S., MTCSOL

Time	Paper ID	Authors	Title
13.30-13.45	255	Rivaldi, David; Plaudo, Ryan; Khoiri, Aurelia Putri; Setiawan, Budi*	IoT-Enabled Temperature Regulation for Energy Efficiency and Thermal Comfort in Rental Office Spaces
13.45-14.00	637	Putri, Salsabila; Misakiputri, Nadya; Waranggani, Dinda*; Gunawan, Ali	Artificial Intelligence and Internet of Things in Building Sustainable Supply Chains: A Literature Review
14.00-14.15	85	Beng, Hong*	Lightweight Facial Emotion Classification Model Based on Xception Architecture
14.15-14.30	438	Hanjirin, Kholifan; Dwiputro, Aldy; Aradena, Rachimullah; Revelino, Imanuel*	Designing a Web-based Ticketing System to Optimize the Reporting Process and Repair Asset Aamage at PT. XYZ
14.30-14.45	574	Danaristo, Jevon*; Ario, Muhamad	Enabling Peer-to-Peer Off-Grid Data Sharing Network using Mobile based Mesh Topology
14.45-15.00	195	Soebroto, Hans; Rades, Okky; Wijaya, Marcello; Jabar, Bakti*; Moniaga, Jurike	Optimizing Deep Learning Models with Optuna for Accurate Rice Leaf Disease Classification
15.00-15.15	724	sardjono, Wahyu*; Nur Fauziah, Aliffia; Seraphina Astriani, Maria; Maryani, Maryani	Integrating Artificial Intelligence Into Business Opportunities and Challenges to Support Sustainable Development Goal Eight
15.15-15.30	21	sardjono, Wahyu*; Ibrahim, Aniyah; Ambarsari, Nais; Cholidin, Achmad	Strategy for Enhancing Learning Management Systems on the 4th goal of the Sustainable Development Goals - Quality Education

*Corresponding author

Room C0406

Session Chair: Dr. Rianto Nurtjahjo, S.E., M.M

Time	Paper ID	Authors	Title
13.30-13.45	577	Yusuf, Adie*	Empowering Global Citizenship: Integrating Digital Literacy and Soft Skills through Civic Education for Biospheric Resilience
13.45-14.00	256	Azzahra, Cayla*; Setioko, Wahyu	Technology in STEM Learning for Renewable Energy: A Systematic Review
14.00-14.15	612	Kore, Cynthia*; Wardana, Ata Aditya	Diversity and Nutritional Improvement of Indonesian Rice-based Traditional Food: A Review
14.15-14.30	223	Dewi, Galuh*; Suwarno, Suwarno	Transforming Rice Productivity through Integrated Aquaculture (Mina Padi) A Pre-Post Impact Assessment for Enhanced Efficacy and Sustainable Development Goal 2.3
14.30-14.45	684	Putra, Revangga; Ramadan, Raden; Lasmy, Lasmy*; Nasip, Ismiriati	Sustainable Textiles: Leveraging Local Natural Fibers for Product Differentiation in Indonesia
14.45-15.00	310	Lim, Jesline*; Juanita, Jesika; Natasya, Theresia; Audrey, Natasha; Pratiwi, Chairani; Lo, Diana	Transforming Low-Grade Salak into Jam: A Value-Added Way to Cut Post-Harvest Losses in Indonesia
15.00-15.15	617	Renato, Reynard*; Yunanda, Rezki	Analyzing the Impact of Streak Features on User Engagement in Online Educational Tests
15.15-15.30	740	Kreshnamurti, Shri*	Mapping the Gap in the Quality of Education Services Based on SERVQUAL and IPA in Supporting the Goals of SDG 4 - Quality Education

*Corresponding author

Room C0410

Session Chair: Murty Magda Pane, ST., M.Si

Time	Paper ID	Authors	Title
13.30-13.45	344	Aprilla, Naura; Nataadmadja, Adelia*	Development of Porous Concrete Technology Using Marginal Aggregate
13.45-14.00	846	Simanjuntak, Andre*; Alamsjah, Firdaus	CO2 Emission Reduction Strategy Through Portland Cement Blend Optimization to Support Sustainable Development Goal in Indonesia
14.00-14.15	672	Kemala, Arum*; Widaningrum, Dyah Lestari	Lean Manufacturing Framework for Enhancing Social Sustainability and Sustainable Development Goals in the Manufacturing Industry
14.15-14.30	581	Jabar, Bakti*; Chandra, Bryant	Urban Property Valuation and Spatial Planning in Jabodetabek Using Geographically Weighted Regression
14.30-14.45	270	Susanto, Dawson*; Suangga, Made	Structural and Environmental Performance Evaluation Between Pre-Engineered Building System and Ordinary Moment Resisting Steel Frame System Based on Span Variation
14.45-15.00	844	Evelina, Lidya*; Delliana, Anastasia	Innovation in Electric Motor Conversion for Accelerating the Transition to Clean Energy Towards Sustainable Development
15.00-15.15	108	Hidayat, Irpan*	Cost Comparison of Hollow Core and Conventional Slabs: Advancing Efficiency for a Sustainable Built Environment

15.15-15.30	59	Hidayat, Irpan*	Addressing Structural Irregularities for Resilient and Sustainable Building Design: A Case Study Analysis
-------------	----	-----------------	---

*Corresponding author

Room C0411

Session Chair: Dr. Adele Bernadet Lingkan Mailangkay, S.T., MMSI

Time	Paper ID	Authors	Title
13.30-13.45	282	Hanly, Ariel*; Angela, Dominique; Wijayanto, Natasha; Abdullah, Nazilah	Study on The Application of Sleep Hygiene in Sustainable Bedroom Design for Insomnia
13.45-14.00	532	Br Ginting, Novita*; Princes, Elfindah	Multi Criteria Recommendations for Guest Lecturer System With Analytic Hierarchy Process
14.00-14.15	509	Pambudi, Pandu Dwi Luhur*	Analyzing the Impact of Network Effects on Generative AI Platforms: A Deep Reinforcement Learning Simulation Approach
14.15-14.30	193	Amadeus, Renjiro*; Kosasih, Lydiawati	Evaluation of The Design and Functionality of Mobile Passport Application Through the Perspective of Gen Z
14.30-14.45	49	Britania, Rizka*	Integration of Feature Selection Methods and Forecasting Models to Predict Flood Disaster in Jakarta
14.45-15.00	157	Loewel, Seline; Dharmo, Valerie Angelica; Rahardjo, Benedictus*	User-Centered Indonesia Tourism Application Using UI/UX Principles to Support Sustainable Tourism
15.00-15.15	636	Wijaya, William*; Christopher, Ethan Leonard ; Hungadi, Vincent; Pratama, Galih Dea	Integration of Emotional Mechanics to Enhance Player Engagement in 2D Platformer Video Games
15.15-15.30	593	Aldianto, Jason Mathew; Purnama, Yudy*	Public Sentiment Analysis on Gibran Rakabuming Raka's 2024 Vice Presidential Candidacy from YouTube Comments Using Naive Bayes

*Corresponding author

Session 2 (Saturday, 23rd August, 15:45 –17:30 WIB)

Room C0205

Session Chair: Dr. Eka Miranda, S.Kom., MMSI.

Time	Paper ID	Authors	Title
15.45-16.00	703	Nugroho, Aditia*; Sfenrianto, Sfenrianto	Evaluating Digital Strategies in Mobile News Websites: Fostering Industrial Innovation through User Satisfaction and Loyalty
16.00-16.15	405	Polla, Johanes*; Efiliana, Amelia	Big Data Analytics Method to Understanding Global Consumer Behavior in International Business
16.15-16.30	709	Rosabel, Florence ; Lasmy, Lasmy*; sriwardiningsih, enggal	Price Discounts, Time Pressure and Impulse Buying: Their Impact on Sustainable E-Commerce Behavior
16.30-16.45	620	Wundiawan, Felicia*; Nurcahyo, Rianto	The Impact of Green Marketing on Beauty Products to Support Sustainable Development Goals (SDG): A Systematic Literature Review
16.45-17.00	756	Christiana, Irene*; Utomo, Prio; Jimmy, So Yohanes	Stimulating Loyalty Through Sustainability: A Stimulus-Organism-Response Approach to Digital Marketing in Skin and Personal Care Industry
17.00-17.15	67	Bong, Lukas*; Jonathan, Jonathan; Dhia Prawati, Levana	Drivers of E-Filing Adoption in Indonesia: Digital Literacy, Green Literacy, and Social Influence
17.15-17.30	458	Rolensius, Daniel*; Suaryanto, Michael Adriel; Adiputra, Indra	The Role of Digital Financial Literacy, Behavior, and Psychological Factors in Promoting Financial Well-Being and Sustainable Development in Indonesia

*Corresponding author

Room C0206

Session Chair: Dr. Ir. Yaya Heryadi, M.Sc.

Time	Paper ID	Authors	Title
15.45-16.00	614	Fu, Agnes Fortuna; Wibisono, Samantha Rochelle; Angela, Eryn*; Hidayaturrahman, Hidayaturrahman	Forecasting Food Demand in Indonesia Through LSTM-Attention Mechanism Method
16.00-16.15	760	Ramadhan, Rafidia Aqil ; Dewi, Novia ; Dewi, Meta Amalya*	User Experience Analysis on The Legoas Smart Digital Auction Application Using SUS and Concurrent Think Aloud Evaluation
16.15-16.30	240	Ahnaf , Muhammad Ghifarel*; Maryani, Maryani	The Role of Responsive Website and User Experience in Enhancing Customer Satisfaction in E-Commerce
16.30-16.45	139	Rizqi, Raff*; Maryani, Maryani	Analysis User Experience Evaluation at Social Media Instagram and Twitter
16.45-17.00	563	Quincy, Nicholas*; Steelyana, Evy	Platform Power Super Apps and the Shifting Competitive Landscape in Indonesia's Fintech Sector
17.00-17.15	586	Fahrudin , Mukhammad Imam ; Andhika, Afif Cahya ; Salvadora, Viola ; Dewi, Meta Amalya*	Optimization of User Experience (UX) on Job Search Website Using Framework Lean UX
17.15-17.30	705	Tanius, Wimvy*; Sfenrianto, Sfenrianto	Enhancing User Satisfaction and Benefits Through Information Systems in Reinsurance to Support Sustainable Innovation

*Corresponding author

Room C0210

Session Chair: Prof. Abba Suganda Girsang, S.T., M.Cs., Ph.D.

Time	Paper ID	Authors	Title
15.45-16.00	536	Ananda, Amelia*; Handayani, Fitrie	Sentiment Analysis on Ransomware Attacks on Plat-form X: A Naive Bayes Approach to Understanding Public Trust in Governance
16.00-16.15	806	Pratama, Wahyu Adit ; Dwianuga, Syifa ; Ohliati, Jenny*; Sibarani, Imelda Juliana	An Android-Based Boarding House Management Application: A Case Study of Kost Pink
16.15-16.30	552	Vania, Vanessa*; Lowanto, Jovan; Weiner, Weiner; Ibrahim, Muhammad Amien	Emotion Detection in Text Messages Using CapsNet, LSTM, and BERT-GNN
16.30-16.45	125	Tan, Julius; Rasyid, Luthfi Fadhullah; Nickholas, Nickholas*; Puspita, Rani	Stunting Classification in Toddlers Using Hoeffding Tree: A Comparative Study
16.45-17.00	815	Emmanuel, Kevin*; Thiohanny, Jessica; Lim, Angelina; Wardana, Ata Aditya; Atmaja, Nicholas Setia	Sustainable Agricultural Analysis of Amorphophallus muelleri as Sustainable Carbohydrate Source: A Review
17.00-17.15	540	Saanin, Kevin Akmal Rafindra*; Simanjaya, Victorius; Wahid, Abdul; Tunardi, Yovita	Development of A Web-Based Calorie Counter Application With Nutritional Data Visualization For Healthy Lifestyle Optimization
17.15-17.30	630	Audrey, Leosteven; Rosidah, Rosidah*	The Application of The UTAUT2 Model in Analysing The Tendency To Use E-Wallets in Pontianak, West Kalimantan

*Corresponding author

Room C0212

Session Chair: Rindang Widuri, S.Kom., S.Akun., MM., Ph.D.

Time	Paper ID	Authors	Title
15.45-16.00	234	Mayanti, Angelina*; Sabila, Natasya Shal; Sari, Nuraini	The Effect of Green Accounting, Green Strategy, and Green Innovation on the Value of Energy and Basic Material Companies listed on the IDX for the 2021-2023 period with Profitability as a Moderating Variabel
16.00-16.15	501	Sijaya, Reynard; Modjo, Mohamad*	Digitalization and Banks' Stock Performance in Asia-Pacific
16.15-16.30	506	Khansa Saputro, Nailah; Abigael, Michelle*; Devianti, Holly	Green Sukuk and Age Demographics: Impact on Islamic Economy and Sustainable Development
16.30-16.45	619	Fitria, Rania*; Hendratno, Setiani Putri	Beyond Aesthetics: How Genshin Impact's In-Game Outfit Drive Players' Purchase Intention and Financial Behavior
16.45-17.00	616	Wibowo, Reynaldi *; Winoto, Agustinus	Exploring the Relationship Between Digital Investment Choices and Personal Financial Accounting Literacy among Jakarta's Generation Z
17.00-17.15	527	Riswanda, Muhammad Rumi Alvito; Precilia, Tharisa*; Tjajadi, Catherine ; Fauzi, Fitriya	The Role of Green Bonds as a Financing Solution for Adapting to ESG Regulations and its Impact on Corporate Profitability
17.15-17.30	568	Tonny, Tonny*; Arifin, Yulyani	Managing BYOD Security Risks and PDP Law Compliance In Financial Startups Using OCTAVE Allegro

*Corresponding author

Room C0311

Session Chair: Fitya Syarifa, PhD

Time	Paper ID	Authors	Title
15.45-16.00	253	Kibtiah, Tia Mariatul*	Comparative Analysis between Thailand and Indonesia on China's Belt Road Initiative (BRI) Project and Its Impact on Economic Growth
16.00-16.15	719	Cleodora, Jesslyn*; Lieyani, Graciella; Averina, Laurencia; Mulyono, Mulyono	Green Revolution on Two Wheels: Investigating The Electric Motorcycle Adoption Drivers in Indonesia
16.15-16.30	141	Irvando , Irvando ; Aimannabil, Mohammad Zalfa; Saragih, Melva*	Export Competitiveness of Indonesia's Strategic Agricultural Commodities under Global Sustainability Challenges: A Multi-Index Analysis (2015–2023)
16.30-16.45	178	Kibtiah, Tia*	Indonesian Palm Oil Production: Balancing Benefits and Environmental Impact
16.45-17.00	127	Harasya, Pratamanda *; Ekakrisima, Arthanami	ASEAN's Renewable Energy Commitment Between Regional Targets and National Realities
17.00-17.15	236	Hardjana, Sandra*	Fostering Performance through Psychological Safety: The Role of Innovation, Customer Culture, and Authentic Leadership in Indonesia's Retail Sector
17.15-17.30	441	Vidayana, Vidayana*; Marchlen, Wilsen	The Influence of Indonesia's Nickel Export Ban and Global Policy Uncertainty on World Nickel Prices

*Corresponding author

Room C0312

Session Chair: Dr. Istiani, M.Psi.

Time	Paper ID	Authors	Title
15.45-16.00	842	Maria, Anathasya; Prameswari, Anindita; Vallerie, Keshia; Assidqi, Khoirunnisa*	Does the Ecology and Sustainability of Genus Sarcophyton Affect Its Pharmacology?
16.00-16.15	279	Bonafix, Nunnun *; Saptaputra, Emanuel; Ashley, Jesya	Using Gamification to Encourage Zero-Waste Conduct in a Mobile Learning App in Line with the UN Sustainable Development Goals
16.15-16.30	156	Cruisetio, Fincent ; Wijaya, Jose Owen ; Sitepu, Sandra Ria ; Hindarwati, Enny*	Sustainability Performance in Hospitality Industry: The Role of Green Innovation
16.30-16.45	468	Athalla, Muhammad Adita*; Royhan, Aqeel Saadat; Wijaya, Rayhan Calvin; Hendjiani, Roozbeh Babolian	Factors Affecting the Purchase Intention of Electric Vehicles: The Modified Theory of Planned Behavior
16.45-17.00	835	Sifa, Najma *; Rabiah, Arbi	An Analysis of Factors Influencing Purchase Intention and Willingness to Pay More for Green Beauty Products among Generation Z in Jabodetabek: A Sustainable Consumption Perspective
17.00-17.15	597	Saputra, Nopriadi*; Sutanto, Harry	Unpacking the Interplay among Digital Leadership, Total Quality Management, and Knowledge Management as Pathway to Sustainability

*Corresponding author

Room C0401

Session Chair: Indra Prawira, S.P., M.I.Kom., Ph.D.

Time	Paper ID	Authors	Title
15.45-16.00	51	Ramli, Annisa Dinara*; Putra, Margynata	The Role of Social Media in Shaping Misconceptions of Feminism: The Case Study of Indonesian Medias on X
16.00-16.15	226	Kamil, Haidar*; Az Zahra, Fatimah; Sari, Nuraini	Influence of Financial Behavior, Literacy, Application Use, and Risk Tolerance on Gen Z Cryptocurrency Decisions
16.15-16.30	694	Ratu, I Gusti Sanghiyang Bagus Panutan Segara ; Lasmy, Lasmy*; Utami, Vilianty	Toward SDGs: The Role of Financial Literacy and Experience in Gen Z's PayLater Behavior
16.30-16.45	204	Susanto, Jess Hananya*; Defriadi, Azahra Calista; Suisanto, Calysta Fidelia; Lindrianasari, Lindrianasari	The Relationship between Financial Distress and Statement Fraud: Evidence from M-Score and Z-Score
16.45-17.00	197	Muslikhin, Muslikhin*; Andayani, Fitria; Ariestyani, Arleen ; Rizkiyansyah, Mariko; Jogi Ahdareni Matondang, Riana; Maulianza, Medoa	Data Privacy Concerns and Traditional Media Preference in News Radio App Adoption: Challenges for SDG 9 in Indonesia and Malaysia
17.00-17.15	199	Kirana, Rizando*; Muslikhin, Muslikhin	Doxing as a Threat to Digital Justice: A Netnographic Study of Societal Perceptions and Institutional Responses in Indonesian Football Media
17.15-17.30	681	Ardi, Rudi*	Do Mobile Phone, Internet and Social Media Can Effect on Impulsive Behaviour?

*Corresponding author

Room C0406

Session Chair: Dr. Dwiyantari Widyaningrum, S.Si., M.Si

Time	Paper ID	Authors	Title
15.45-16.00	635	Manafe, Benjamin; Kristianto, Marcell*; Thio, Dave; Elwirehardja, Gregorius; Pardamean, Bens	Model Comparison for Toxigenic Cyanobacteria Image Classification using Transfer Learning and Post-Quantization
16.00-16.15	393	Owen, Christofer Justin*; Babolian Hendijani, Roozbeh	Smartwatches for health and well-being: An extended TAM approach to investigate purchase behavior
16.15-16.30	525	Manurung, Vicki Frendika*; Sitanggang, Cindy; Suzanna, Suzanna	Analysis and Implementation of Load Testing on The Document Upload Feature in The Brimen Application Using Apache JMeter
16.30-16.45	789	Ariyanti, Fransisca*	Improving Procurement Application Usability Through Feature Redesign using Simplified QFD, Figma Prototyping, and SUS Evaluation
16.45-17.00	594	Isnan, Mahmud*; Fauzi, Dede ; Setyo Nugroho, Kuncahyo ; Pardamean, Bens	Weekly PM10 Forecasting Using LSTM and BiLSTM with Dynamic Window Strategies
17.00-17.15	595	Toari, Nicky; Osvaldo, Nelson; Maria Kolbe Lie, Maximilianus; Amirul Jabar, Bakti*	Spinach Growth and Nutritional Content Modeling for Agricultural Productivity Optimization Using FSPM-GroIMP

*Corresponding author

Room C0410

Session Chair: Prof. Dr. Ahmad Nurul Fajar, S.T., M.T.

Time	Paper ID	Authors	Title
15.45-16.00	665	Delfianto, Hazel*; Princes, Elfindah	Design of an AI-Powered Resume Screening System for Culinary MSME Recruitment
16.00-16.15	225	Maulia, Aisya Dwiana; Fleurecta, Aurell Raissa; Newin, Naura Andini Putri; Ramadhani, Izdihar; Hartanti, Grace*	Modular Exhibition Design Using Biobased Particle Board: A Contribution to the Biobased Economy in the Interior Design Department, Binus University
16.15-16.30	507	Desviyanti, Meiliani*; Suangga, Made	Analysis of The Influence of Diagrid Angle On Structural Performance Under Lateral Loads In HighRise Buildings
16.30-16.45	576	kristi, natasha*; Saputra, Dony	Strategic Supply Chain Modeling Barriers Of Biomass Indonesia: An Interpretive Structural Modeling Approach
16.45-17.00	387	Setyawan, Jasmine; Thoha, Nurianna*	Insights into Virtual Collaboration Among Multicultural Teams in New Zealand
17.00-17.15	153	Sihotang, Binsar*; Keizia, Arlyn; Nathania, Devi; Hendriana, Evelyn	Influence of Empathy Response on Brand Advocacy: AI Chatbot in the Banking Industry

*Corresponding author

Room C0411

Session Chair: Irfan Rifai, S.Pd., M.Ed., Ph.D.

Time	Paper ID	Authors	Title
15.45-16.00	291	Sephiranissa, Faradina*; Prawira, Indra	Digital Literacy and AI in Indonesia: A Systematic Literature Review
16.00-16.15	548	Mahendra, Irfan*; Fajarwati, Ade	Integrating Heritage Content in Bahari Museum using Design Game for Young Visitor (Gen-Z)
16.15-16.30	512	Velasco, Vincent*; Dedy Setiawan, Kevin; Robert Sanjaya, Renaldo; Nur Alam, Islam	Depression Detection in Social Media: Why BERT Outperforms CNN and LSTM?
16.30-16.45	122	Jefferson, Nelsen*; Chandra, Justin; Meiliana, Meiliana	Semantic Similarity for User Story Redundancy
16.45-17.00	219	Ramadhan, Sena*; Ulinuha, Hana	Utilizing Digital Marketing to Influence Repurchase Intentions in Umrah Travel Agency: A Sustainable Approach to Customer Engagement
17.00-17.15	744	Kusumaningdyah, Widha; Turnip, Maureen Christmas P*; Prasetyo, Eko Heru; Turnip, Maureen Christmas	Assessing Public Willingness to Pay for Organic Waste-to-Energy Solutions: A Choice Experiment Approach

*Corresponding author

PAPER PRESENTATION (ONLINE SESSION)

Session 1 (Sunday, 24th August, 13:30 – 15:45 WIB)

ICOBAR Room A (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Dr. Syauqi Abdurrahman Abrori, S.T., M.T.

Time	Paper ID	Authors	Title
13.30-13.45	133	Pramono, Andi*; Ardianto, Okta Putra Setio ; Rosyidah, Elsa ; Kurniawan, Bambang Kartono	Sustainable Furniture from Wood Waste and Recycled Plastic via Additive Manufacturing
13.45-14.00	264	Saputra, Andika*; Suharjo, Suharjo	A Comparison of Sustainability and Technical Perspectives for Electric Vehicle Charging Station Site Selection Using GIS Simulation Approach
14.00-14.15	263	Saputra, Andika*; Suharjo, Suharjo	Suitability Analysis for Electric Vehicle Charging Station Development: Infrastructure Standards Compliance Approach
14.15-14.30	824	Darusman, Bayu Sani; Christhia, Maria*	Gas Consumption Patterns Analysis for Meter Calibration Optimization (Case study of PT. XYZ)
14.30-14.45	198	Roesyadi, Bhakti*; Roni Sahroni, Taufik	Leveraging Large Language in Industry 5.0 Manufacturing Systems for Sustainable Industrial Innovation
14.45-15.00	693	Satria, Danica Jessej; Christian, Leonard; Gunawan, Alexander Agung Santoso*; Pradana, Rilo Chandra	Towards Better Health Outcomes (SDG 3): Investigating Paired Segmentation and Classification Models for Brain Tumor Detection
15.00-15.15	107	Lukman, Selvi*; Krisnanta, Desca; Wijaya, Marvin; Nugraha, Nicholas	A Low Cost IoT Solution for Gas Leakage and Alerting
15.15-15.30	109	Lukman, Selvi*	IoT-Enabled Precision Watering System for Enhanced Plant Fertility

*Corresponding author

ICOBAR Room B (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Ria Damayanti, S.Sos., M.I.Kom

Time	Paper ID	Authors	Title
13.30-13.45	837	Farhani, Addina*	Impact of KULA Beauty's Value-Driven Social Media Branding on Gen Z Environmental Awareness
13.45-14.00	670	Angela, Angela; Shan, Brandon Abraham; Novela, Selly*	Analysis of Consumers' Willingness to Pay for Organic Animal Feed Products to Examine the Role of Food Neophobia, Environmental Concern, and Animal Empathy
14.00-14.15	83	Nabila, Gina*; Ananda, Artha	Effect of Perceived Quality and e-WOM on Brand Loyalty through Consumer Trust and Ethnocentrism Among Gen Z Local Beauty Consumers Towards Sustainable Development Goals 8 & 12
14.15-14.30	117	Hutany, Shiella*; Yustian, Okyy	From Awareness to Action: Investigating Green Brand Image as a Mediator between Environmental Awareness and Purchase Intention in Bandung Coffee Shop
14.30-14.45	285	Kingsyah, Stephen*; Limano, Ferric	Interactive Projection Video Mapping for Innovative Media Promotion: A Case Study of Batik Gedog Woven
14.45-15.00	841	Louis, Steven *	The Role of Nike Move to Zero Instagram Paid Advertising in Building Sustainable Brand Image on Indonesian Gen Z

15.00-15.15	497	Nathaniela, Thalea*; Princes, Elfindah	Empowering Jakarta MSMEs: The Interplay of Digital Readiness, Competence, and Entrepreneurial Self-Efficacy
15.15-15.30	135	Ramadhan, Zarkasih*; Lukiyanto, Kukuh	Innovative Entrepreneurship and Smart Technologies: Strengthening Urban Resilience to Climate Change

*Corresponding author

ICOBAR Room C (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Erma Lusia, S. PD., M. Par

Time	Paper ID	Authors	Title
13.30-13.45	110	Amanda, Patricia *; Damanik, Fithria Khairina	How Does Overtourism Influence Tourist Experience? (Case Study: Canggu Area, Bali)
13.45-14.00	228	Royantika Putri, Sabrina *; Candra Pratama, Febby	Smart Tourism for Sustainability: Integrating Digital Twin and Design Thinking for Operational Excellence
14.00-14.15	423	Larasari, Sekar Ayu; Kusumawati, Yudhistya *	Designing 'Ngalam's Wildlife': A Sustainable Digital Platform for Conservation Education of Endemic Animals in Malang Raya
14.15-14.30	818	Kusumawardhani, Seruni*	Sustaining Heritage through Sacred Space: Ritual Practice and Cultural Resilience in Bali
14.30-14.45	327	Kirana, Dini Cinda; Ramadina, Savitri Putri; Kusumawardhani, Seruni*; Setiawan, Margareth	Integrating Lighting Technology of Contemporary Shadow Theatre for Sustainable Art Community in Bandung
14.45-15.00	205	Dharma Wira, Steven *; Pastika Heriyanto, Raditya; Rapinta Manalu, Sonya; Ash Shiddiqi, Hafizh	Comparing AR And VR Performance Visualization in The Context of Painting Arts
15.00-15.15	603	Trisnawati, Syabina *; Nathania, Lila	The Effectiveness of Sign Language Usage in Enhancing Tourism Inclusivity for The Deaf Community: A Descriptive Study of The "With Berdali Indonesia" Community
15.15-15.30	289	Perdani, Yella*	From Traditional to Smart Learning Exploring EFL Students' Perceptions of AI and Traditional Learning in Language Acquisition

*Corresponding author

ICOBAR Room D (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Dr. Maryani, S.Kom, MMSI., CDMS,

Time	Paper ID	Authors	Title
13.30-13.45	524	Difa Alfani, Moch Asyral*; Adistiani, Adistiani; Suzanna, Suzanna	Design of Ordering System at Grafikku to Improve Operational Efficiency for Customers
13.45-14.00	663	Sutanto Putri, Amelia *; Trisilia, Meilinda	Charting the Role of AI in the Economics of Green Management and Sustainability
14.00-14.15	146	Rio Argeta, Ananta*; Lukiyanto, Kukuh	Enhancing Managerial Decision Making through AI: A Qualitative Study of Executive's Perspectives in Technology Intensive Organizations
14.15-14.30	142	Virginia, Auriel*; Suhartono, Derwin	Utilizing MentalBERT to Identify Mental Disorders in Indonesian Text Posts
14.30-14.45	710	Amanah, Dian Martha Nurrul*; Nathanael, Alfonsus; Haryono,	The Role of Gamification Affordances in Driving Purchase Intention: An Extended TAM Approach

		Nicholas Evan; Angelica, Valencia Alvina	
14.45-15.00	346	Amanah, Dian Martha Nurrul*; Dewi, Adhe Lingga; Putri, Novinda Krisna; Soelistyoningrum, Jenia Nur; Sianipar, Darrel Hotasi; Khouw, Jovian Yudi Nathan	Robo-Advisory in the Lens of Gen Z: The Impact of Trust on Fintech Adoption
15.00-15.15	488	Utomo, Galang*; Siento, Joyceline; Pangesa, Vianny; Ibrahim, Muhammad	Improving Disease Detection in Paddy Crops: Experimental Study of Data Augmentation with MobileNetV3
15.15-15.30	400	Kawidjaja, Grace*; Setiyati, Etsa	Exploring Business Innovations through Machine Learning in Sustainable Agriculture: A Patent Landscape Analysis
15.30-15.45	729	Arief, Maylafasya Alya; Windaningsih, Windaningsih*	Parasocial Phenomenon of Aespa Fans (My) Through Lysn Application

*Corresponding author

ICOBAR Room E (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Dr. Joice Yulinda Luke, S.Pd., M.Hum.

Time	Paper ID	Authors	Title
13.30-13.45	623	Melintina, Camila; Persada, Satria Fadil*	Trend Analysis of Digital Marketing for F&B Entrepreneurs through Social Media
13.45-14.00	471	Reza, Daffa*; Murniati, Murniati	Artificial Intelligence Driven Green Business Fashion: Systematic Literature Review on Sustainable Marketing Strategies
14.00-14.15	783	Savitri, Mila*	Principles in Adaptive Reuse as Heritage Conservation Strategy: Study Case Coffeeshops in Bandung
14.15-14.30	268	Angelina, Christina; Wijaya, Emeilia; Wong, Michelle; Liem, Nathaniel Vincent; Sofiana, Yunida*	Sustainable Design Approach: Exploring HDPE Plastics in Train Station for People with Visual Disabilities
14.30-14.45	781	Suhartono, Shannon*; Putri, Gabriella Sagita	Fostering Sustainable Tourism Villages in Indonesia through Local Wisdom-Based Branding
14.45-15.00	762	Aisyaturohmah, Siti*	Revitalizing of Zoological Museum in Malang as Digital Interactive Edu-Tainment for Young Generations
15.00-15.15	732	Imanuella, Triana*; Pramalystianto, Andhika	Interior Design of a Sustainable Restaurant that Promotes the Culture of Palembang City
15.15-15.30	472	Febriana, Yulia*; Wijaya, Ida Bagus Ananta	Interior Redesign by Implementing the Concept of Sustainable Design at Shining Star Christian School Malang

*Corresponding author

ICOBAR Room F (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Elioenai Sitepu, PhD

Time	Paper ID	Authors	Title
13.30-13.45	557	Juwita, Anita*; Hamid, Agustini; Iqbal Arrasyid, Muhammad	Digital Reporting (XBRL) Adoption and Firm Indicators as Determinants of Firm Value: Equity Cost Moderation in Indonesia's Industrial Sector
13.45-14.00	307	Firpha, Dwizga*; Manalu, Sonya; Shiddiqi, Hafizh	A Comparative Analysis of SQL and NoSQL Databases: Evaluating Trade-offs Between Data Consistency and System Availability for Sustainable Infrastructure (SDG 9)
14.00-14.15	699	Rizqullah, Edith ; Hidayatullah, Hidayatullah*	The Effect of Environment, Social, and Governance (ESG) Disclosure on Stock Prices in The Consumer Non-Cyclicals Sector on The Indonesia Stock Exchange (IDX)
14.15-14.30	819	Oktavini, Dentisia; Salsabila, Firda Annisa ; Lestari, Made Irma*; Sundari, Retno Ika	Firm value under uncertainty: examining the impact of accounting conservatism, investment opportunity set, and capital intensity in cyclical and non-cyclical manufacturing companies
14.30-14.45	292	Cahyani, Rosita Indah; Adi, Maria Paramastri Hayuning*; Havidz, Hazimi Bimaruci Hazrati	"Do ESG Disclosure and Environmental Strategies Drive Profitability?" A Study on Non-Cyclicals Consumer Firms
14.45-15.00	464	Najimi, Hildan*; Harlianto, Jefta	Exploring Gen Z's Intention to Use P2P Lending: Trust and Ease of Use
15.00-15.15	661	Santoso, Jason*; Hubert, Berton; Marcellino, Enrique; Prasetyo, Hugo	Financial Innovation for Sustainable Development: Analyzing DeFi Adoption among Indonesian Investors
15.15-15.30	227	Vallycia, Kelly*; Hamid, Agustini; Hapsari, Yudith Dyah	Do ESG Factors Matter for Sustainability? An Empirical Study on Financial and Market Performance Across G20 Countries
15.30-15.45	265	Ferdian, Sultan *; Firdaus, Farid; Pohan, Husni	Technological Innovation for Public Health Sustainability: Comparative Analysis of Boosting Models in Diabetes Disease Prediction

*Corresponding author

ICOBAR Room G (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Anzaludin Samsinga Perbanga, S.Kom., MMSI.

Time	Paper ID	Authors	Title
13.30-13.45	704	Widiyastuti, Asri*; Sfenrianto, Sfenrianto	User Satisfaction and Importance in Digital TV Sustainability Using Importance-Performance Analysis
13.45-14.00	281	Lukiyanto, Kukuh*; Sasongko, Davin; Anthony Jiram, Wilson Rangga Anak	Perception of Small Business Owners in the Service Sector in Indonesia towards Artificial General Intelligence (AGI) as a Business Development Innovation
14.00-14.15	132	Chandra, Jason *; Candra Pratama, Febby	Shifting Business Strategies in the Digital Era: The Influence of Artificial Intelligence
14.15-14.30	442	Adeo, Margareth Febryani*; Hendratno, S.E., M.Ak., CertDA, CME, Dr. Setiani Putri; Christian, S.Kom., M.MSI, CDAP, Lay	AI (Artificial Intelligence) : Smart Strategies For SMEs Sustainable Growth
14.30-14.45	821	Siek, Michael*; Gmati, Aihab	Implementing Cloud-based Web Technology For E-Commerce Application Development
14.45-15.00	589	Semesta Calvaretta, Nilam; Louisa Wijayani, Agatha; Rahayu, Anita*	Identifying Health Facility Disparities across Malang City Districts Using K-Means Clustering

15.00-15.15	91	Shabiriani, Uzda Nabila*; Ardianto, Ersto; Saputra, Gangga; Bambang, Dessy Tri Anandani	Longitudinal Analysis of User Interface (UI) Evolution in Multi-Service Super-Apps: A Case Study of Gojek Indonesia (2015–2024)
15.15-15.30	559	Selvira, Wahidha; Kumalasari, Riesta*	Mapping the Landscape of E-Commerce Research Towards Sustainable Development Goals: A Bibliometric Analysis
15.30.-15.45	68	Wardhana, Wisnu*; Diah Ekawati, Ardhaniswari	Factors Affecting Declining Self-Service Fuel Stations in Indonesia: Technology Acceptance Model Approach

*Corresponding author

ICOBAR Room H (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Advendio Desandros, S.Si., M.Sc.

Time	Paper ID	Authors	Title
13.30-13.45	61	Budiman, Andrew; Kurniawan, Arnetta; Cristiawan, Jeremy*; Mustikasari, Faranita	Host Credibility And Impulse Buying in Tiktok Live Fashion Commerce: The Roles of Flow And Scarcity
13.45-14.00	444	Oka Ariwangsa, IGN*; Widhya Sedana Putra P, Komang; Wulandari Laksmi P, Kadek	Quantitative Analysis of Skepticism as Psychological Buffering in Machiavellian Work Environments: A Pathway to SDG 3 (Health) and SDG 8 (Decent Work)
14.00-14.15	48	Winoto, Michael*; Ubud, Sahnaz	Sustainable Business Strategy as a Source of Competitive Advantage in the Food Industry
14.15-14.30	143	Ngatindriatun, Ngatindriatun*; Alfari, Muhammad; Hanum, Rastinia Kamila	The Preparedness of Indonesian Farmers in Accelerating Smart Farming 5.0 Technology Towards a Sustainable Economy: PLS-SEM Adoption Modeling
14.30-14.45	478	Reinard Valois, Pierzeus*; Murniati, Murniati	Harnessing Artificial Intelligence in Human Resource Management for Sustainable Business Growth
14.45-15.00	165	Evangelina, Rachel*; Laurent, Cecilia; Lawadinata, Thessalonica Diandra; Susanti, Leni	Computer Vision for Sustainable and Responsible Shopping: Enhancing Customer Experience and Purchase Decision
15.00-15.15	58	Ong, Victor; Akna Rohmawati, Sabila; Dharaka, Kumara*; Yudha Pamungkas, Prayoga	Sustainable Logistics and Waste Reduction in Furniture Manufacturing: A Lean Manufacturing Approach
15.15-15.30	641	Immanuel, Stepanus; Edyawati, Novellina; Tanuseputra, Jonathan; Moniaga, Jurike V.; Jabar, Bakti Amirul*	MRI-based Anterior Cruciate Ligament Injury Classification: A Comparison of Ensemble Learning Algorithms
15.30-15.45	452	Jonathan, Michael*; Salemputra, Winston; Winoto, Agustinus	Green Claims to Green Truths: The Reliability of Blockchain in Environment, Social, and Governance Reporting

Session 2 (Sunday, 24th August, 16:00 – 18:15 WIB)

ICOBAR Room A (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Dr. Syaqui Abdurrahman Abrori, S.T., M.T.

Time	Paper ID	Authors	Title
16.00-16.15	689	Pemayun, Cokorda Istri Tiara; Salim, Polniwati; Nediari, Amarena*	Nature-inspired One-Stop Fitness Centre: A Holistic Space for Human Well-being
16.15-16.30	390	luthfiasari, annisa*; Utama, Iston Dwija; Mufida, Iklima Nur	Visual Semiotic Analysis of Vernacular Kerupuk Labels: Empowering Cultural and Economic Sustainability in Indonesian SMEs
16.30-16.45	669	Nisrina, Brainnisa*; Primadhani, Tiara; Pramalystianto, Andhika; Rahayu, Ratna	When Space Nurtures: Designing Sustainable and Inclusive Sensory Learning Environments for Students with Disabilities
16.45-17.00	474	Nisrina, Brainnisa*; Primadani, Tiara; Pramalystianto, Andhika; Rahayu, Raden	NesTED Framework: (Nurturing Environments and Spatial Integrated Teaching in Education Diversity) for Special Needs Learner Based on Sense of Place and Sustainability Concept
17.00-17.15	210	Basuki, Garry*; Candra Pratama, Febby	Shifting Green Marketing Narratives: Education and Digital Technology Before and After the Pandemic
17.15-17.30	738	Islam, Hilmi Dzakaaul*; Primadani, Tiara Ika Widia; Ernanda, Asteria Nabila Noviandari; Pramalystianto, Andhika; Prabowo, Riefky	Sustainability Integration in the Heritage Reuse of The Shalimar Boutique Hotel and Its Environmental Impact
17.30-17.45	247	Sulastuti, Iftika; Amalia, Friska*	Cultural Sustainability through Biophilic Design in Islamic Decorative Elements at Pusat Dakwah Indonesia Mosque, West Java
17.45-18.00	347	Oka, Made; Pemayun, Cokorda; Gunawaan, Jessica; Pondaag, Jesline; Wulandari, Anak*	Integrating the Balinese Banjar Concept into Jakarta's Public Spaces to Enhanced Social Wellbeing

*Corresponding author

ICOBAR Room B (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Ria Damayanti, S.Sos., M.I.Kom

Time	Paper ID	Authors	Title
16.00-16.15	538	Dewi, Adhe*; Setyoko, Dimas Elang; Setyo Adhi, Canggih Gelar; Wicaksana, Nico Yonatan; Setiawan., Raymon Surya; Budiono, Vanessa Angelica	Experimental Study of Transfer Learning on Biomedical Named Entity Recognition (NER) between Clinical Data and Patient Forum for Sustainable Healthcare
16.15-16.30	245	Affandinov, Ahmad Amirulfalah; Zoriick, Zoriick; Dani, Yasi*	Restaurant Menu Recommendations Based on Artificial Intelligence Algorithms Approach
16.30-16.45	439	Romadhoni, Ahmad Fahmi; Maulana, Muhamad Risaldi; Arkan, Muhammad Faris; Leandros, Riyan*	Web-Based System for Managing Inspection and Calibration in Manufacturing

16.45-17.00	457	Fuaiz, Ahmad Ghozali; Saputro, Immanuela Puspasari; Pambudi, Pandu Dwi Luhur*	Development of a Pose Correction Application for Diploma Photos Using Computer Vision and Image Warping Techniques
17.00-17.15	179	Ramadhani , Aisyah *; Aprinia Putri , Niken; Safnah R, Nur Atmi	The Impact of Big Data and Machine Learning Implementation on the Accuracy and Efficiency of Corporate Financial Reporting
17.15-17.30	596	Rahayu, Anita*; Purnhadi, Purnhadi	Geo-Intelligent Gamma Regression: A New Era of Similarity Testing in Multivariate Spatial Data
17.30-17.45	713	Aqilla, Aqilla*; Murniati, Murniati	Global Synergy for a Sustainable Future: Machine Learning-Driven Investment Analytics and Entrepreneurial Innovation
17.45-18.00	78	Putra, Ronald*; Putra Kusuma, Gede	Gender and Age Recognition Based On Facial Images Using Deep Learning

*Corresponding author

ICOBAR Room C (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Erma Lusia, S. Pd., M. Par.

Time	Paper ID	Authors	Title
16.00-16.15	707	Supit, Khezia*; Islam, Hilmi Dzakaaul	Interior Redesign of Mahajaya Culinary and Souvenirs Batu with the Concept of Sustainable Design and the Locality of Batu City
16.15-16.30	660	Benita, Marcellina; Primadani, Tiara Ika Widia*	Preservation of Peranakan Culture through Application to Restaurant Interior Design in Malang
16.30-16.45	706	Nicole, Nicole; Zakaria, Muchamad Rizky; Shabiriani, Uzda Nabila*	Jedari: Visualizing The Pause Button to Support Emotional Regulation in Early Childhood through Educational Animation
16.45-17.00	72	Siagian, Pariang*	The Role Oof Artificial Intelligent for Learning Achievements
17.00-17.15	196	Nugroho, Rio*; Fitranisa, Intan	Framing Sustainability: Ecofeminist Visual and Digital Discursive Practices of Indonesian Female Environmental Influencers
17.15-17.30	687	Pratama, Sulthan*; Murniati, Murniati	AI-Powered Diagnostic Framework for Sustainable Gadget Repair: Supporting SDG 12 on Responsible consumption and Electronic Waste Reduction
17.30-17.45	388	Wulandari, Yuni; Dhea Alvareissa, Govinka; Rahayu, Anita*	Application of Artificial Intelligence in Mathematics Education: A Systematic Literature Review (SLR)

*Corresponding author

ICOBAR Room D (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Dr. Maryani, S.Kom, MMSI., CDMS,

Time	Paper ID	Authors	Title
16.00-16.15	338	Yunizar, Nico*; Pratama, Willsen; Shiddiqi, Hafizh; Manalu, Sonya	Utilizing Linear Regression Algorithms for Predicting Future Sales Trends to Improve Economic Growth
16.15-16.30	29	Sujarminto, Aditya*; Banna, Stevan; Marsintauli, Frihardina; Rosariandoko Wijanarko, Hubertus Maria	Modeling Digital System Adoption in Local Government: Evidence from SIPD Implementation in Indonesia
16.30-16.45	518	Bismaputra, Jakeem*; Javier, Almer Ali; Wairooy, Irma	Cryptographic Evolution: From Caesar Cipher to Post- Quantum Era

		Kartika; Makalew, Brilly Andro	
16.45-17.00	190	Putra, Jessen*; Purwanto, Eko	Comparative Analysis of CNN-LSTM and CNN-GRU Architectures for Enhanced Finger Detection in Sign Language Translation
17.00-17.15	313	Khouw, Kennard*; Adyu, Gregorius; Manalu, Sonya; Shiddiqi, Hafizh	AI in Cybersecurity: Leveraging CNN for Malware Detection and Classification
17.15-17.30	847	Jahja, Jeremy*; Raynardi, Evaldo; Setiawan, Kevin; Fajar, Muhamad; Andam Suri, Puti	Usability Evaluation of Tracker the Application for Groceries Price Prediction Using System Usability Scale and UEQ
17.30-17.45	379	Ariyadi, Magdalena*; Kumalasari, Riesta	Sustainable Beauty Industry Transformation Using Innovation Technology: Integration of AI and AR Business Strategy in Skin Analysis Applications
17.45-18.00	648	Lesmana, Vallerie*; Sidharta, Matheus; Childira, Kanaya; Iskandar, Karto	Evaluating the Effectiveness of Chi-Square Method on Tree-Based ML-Models for Cardiovascular Disease Prediction

*Corresponding author

ICOBAR Room E (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Dr. Joice Yulinda Luke, S.Pd., M.Hum

Time	Paper ID	Authors	Title
16.00-16.15	419	Wiyono, Aldrich*; Masri Gasa, Frederik	Representation of The Impact from Bullying on The Perpetrator and Victim in The Animated Film "A Silent Voice"
16.15-16.30	739	Yaputera, Cynithia; Hendrassukma, Dila*; Nediari, Amarena	Visual Application of Local Cultural Elements in Restaurants as an Introduction to Culture in Public Space
16.30-16.45	634	Leonie, Cindy*; Hendratno, Setiani	The Impact of Mental Accounting on In-App Purchase Decision-Making in The Mobile Game Mobile Legends: Bang Bang
16.45-17.00	659	Kartinawati, Erwin*	Environmental Journalism Practices in the Mass Media in Indonesia (Case on Public and Private Media)
17.00-17.15	720	Saripuddin, Fauziyyah; Windaningsih, Windaningsih*	Communication Strategy Agent of Change Zona 5 in Upskilling and Strengthening Activities of Pertamina EP
17.15-17.30	777	Balontia, Meitty; Iskandar, Isna*; Mauludin, Iku; Elu, Stefanus; Ambarsari, Nais	A Heideggerian Analysis of LMS Binusmaya In Supporting Quality Education (SDG 4) Revealing or Enframing?
17.30-17.45	638	Afrizal, Ivan*; Deron, Louis ; Loderick, Jason; Halim, Rico	Teacher Monitoring System for Improved Video-Based Lectures

*Corresponding author

ICOBAR Room F (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Elioenai Sitepu, PhD

Time	Paper ID	Authors	Title
16.00-16.15	267	Magashel, Bhibicha*; Mona, Eflina	Digital Communication for Sustainability: A Bibliometric Analysis of Branding and Trends in Scientific Literature
16.15-16.30	580	Taratan, Jasmine ; Pratiwi, Ryanda Ladyka ; Zella, Saira ; Rumangkit, Stefanus *; Laksana, Christopher Joshua	The Effects of Product Quality, Pricing, K-Pop and K-Drama Inspiration, and Beauty Influencers on Purchase Intention: The Mediating Role of Brand Image

16.30-16.45	640	winarendra, franceline*; sekardhani, mufida	The Influence of Virtual Try-On Technology on Consumer Purchase Intention in Online Shopping
16.45-17.00	483	Yolanda, Helen*	Product Recommendations powered by AI: Impacting Gen Z Purchase Intentions for Sustainable E-Commerce Business Models
17.00-17.15	655	Joy, Kathleen*; Setiawan, Sandy	The Role of Inclusive Brand Experience in Inclusive and Sustainable AI-Powered Beauty Marketing
17.15-17.30	174	Emerson, Kenneth*	Managing Truth On Food Health Culture Through Instagram Content
17.30-17.45	311	Kholis, Nur*; Candra Pratama, Febby; Windaningsih, Windaningsih	The Role of Digital Creators in the Growth of Indonesia's Digital Economy
17.45-18.00	203	Musawa, Ali; Liu, Fanes; -, Ricky*; Putri, Irene	Improving Garbage Image Classification with Enhanced DenseNet Architecture

*Corresponding author

ICOBAR Room G (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Anzaludin Samsinga Perbangsa, S.Kom., MMSI.

Time	Paper ID	Authors	Title
16.00-16.15	587	Thaliana, Hanna*; Wijaya, Ida	Designing a Nursing Home with Passive Design Implementation and DIALux Evo Simulation
16.15-16.30	785	Balan, Henry Christian; Christhia, Maria*	Water Wall Protection System Design To Mitigate Gasoline Vapor Leak Hazards
16.30-16.45	166	Ivander, Ivander*; Dyota, Nyoman; Alexander, Ivan	Inventory Optimization for Reliable Wood Pellet Procurement in Sustainable Manufacturing
16.45-17.00	455	Samuel Kurniawan, Jayden; Putra, Farrel Nauval Riyando; Phoanata, Vincentius Jessen; Tjia, Maurice Evan Wijaya,; Dewi, Adhe*; Nafiah, Roikhanatun	Smart Motorcycle Tire Monitoring: Implementation Ultrasonic Sensor and NodeMCU ESP32 using Telegram Notification to Promote Road Safety and Sustainable Urban Mobility
17.00-17.15	104	Fernando, M*; Fransean, William; Hakim, Muhammad Amran ; Budiman, Arief Suriadi ; Sitepu, Elioenai	Design and Development of an Ergonomic Mouse for Enhanced Comfort in Hyperhidrosis Palmar Patients
17.15-17.30	469	Sarungu, Cornelius; Soeryanto, Novianti*; Legowo, Nilo	Project Management Process Quick Maturity Assessment using the Project Maturity Form in an Indonesian State-Owned Enterprise
17.30-17.45	745	Ariyanti, Fransisca*	Digital Logging System for Biodiesel (B35) and Load Monitoring Using AppSheet: A Case Study at Tanah Merah diesel power plant
17.45-18.00	206	Lazuardi, Rifqi*; Simarmata, Andriano; Kumala Widyasari, Rachmi	Exploration of Tactile and Olfactory Sensory Design for Orientation and Mobility of People with Visual Impairments

*Corresponding author

ICOBAR Room H (<https://tinyurl.com/7thICOBAR2025>)

Session Chair: Advendio Desandros, S.Si., M.Sc.

Time	Paper ID	Authors	Title
16.00-16.15	479	Siregar, Macvin*; Suharjo, Suharjo	Optimizing Inventory Management Through Simulation in a Retail Environment
16.15-16.30	427	Keintjem, Militia Chrity Marchella; Suwondo, Riza*	Parametric Study on Axial Capacity of H-Shaped Steel Columns with Varying End Restraints
16.30-16.45	428	Keintjem, Militia Christy Marchella; Suwondo, Riza*	Optimising Base Plate Design through Variation of Pedestal Concrete Strength: A Structural and Cost Efficiency Study
16.45-17.00	487	Suwondo, Riza*; Keintjem, Militia	Bridging Knowledge with AI: Assessing ChatGPT's Role in Steel Structure Design Education
17.00-17.15	339	Putri, Safitri Aprillia*; Windaningsih, Windaningsih; Jeremy, Jevon; Budiman, Alfian Raffly; Yudika, Raditya Prima; Chrestella, Birgitta	Bio-Cycle AR Diorama: Augmented Reality-Based Biogas Educational Media Innovation to Support Environmental Conservation
17.15-17.30	767	Loewel, Seline; Gunawan, Hans Allen; Rahardjo, Benedictus*	Improving Polybag Production Efficiency using Seven QC tools and SPC: A Sustainable Approach to Quality Improvement
17.30-17.45	496	Phoanata, Vincentius; Tjia, Maurice Evan Wijaya; Oktavianti, Eliza; Nafiah, Roikhanatun*; Dewi, Adhe Lingga	Leveraging QFD to Identify and Design a Tire Leak Detector According to Customer Needs with Sustainability as a Key Factor in Supporting Tire Health Maintenance
17.45-18.00	514	Sastriana, Walid*; Hidayaturrehman, Hidayaturrehman	Late Fusion Approach for X-Ray Detection Using Frequency Domain Features DWT, SIFT, and LBP with SVM Model

*Corresponding author

**Zoom Link – Parallel Session
(Meeting ID: 984 9776 8430)**

Parallel Room	Link Zoom:
ICOBAR A	https://tinyurl.com/7thICOBAR2025
ICOBAR B	
ICOBAR C	
ICOBAR D	
ICOBAR E	
ICOBAR F	
ICOBAR G	
ICOBAR H	



RESEARCH AND TECHNOLOGY TRANSFER
BINA NUSANTARA UNIVERSITY
AUGUST 2025