

PROGRAM
BOOK



ICACSIS 2026

The 15th International Conference on Advanced Computer Science and Information Systems (ICACSIS) provides an international forum that brings together those who are actively involved in the field of Computer Science and Information Systems.

Host



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TABLE OF CONTENTS

Contents

1	Agenda	2
2	Organizers & Committees	3
3	Student Volunteers	4
4	Speakers	5
5	Payment	12
6	Conference Platform	13
7	Guidelines for Presenters	14
8	Guidelines for Session Chairs	15
9	Papers	16
9.1	Parallel Session 1: Technology Adoption & Digital Ecosystem Applications	16
9.2	Parallel Session 2: Technology Adoption & Digital Ecosystem Applications	17
9.3	Parallel Session 3: Human-Centered & Applied AI	18
9.4	Parallel Session 4: Generative AI, Recommendation & Creative Applications	19
9.5	Parallel Session 5: Educational Technology & Learning Analytics	20
9.6	Parallel Session 6: Computer Vision & Multimodal Perception	21
9.7	Parallel Session 7: E-Commerce, Customer Experience & Digital Business	22
9.8	Parallel Session 8: Enterprise Architecture & IT Governance	23
9.9	Parallel Session 9: Data Governance & Digital Transformation	24
9.10	Parallel Session 10: HCI, UX & Human-Centered Interaction	25
9.11	Parallel Session 11: Software Engineering, Quality & DevOps	26
9.12	Parallel Session 12: Predictive Analytics & Applied Machine Learning	27
9.13	Parallel Session 13: NLP: Sentiment, Emotion & Aspect Analysis	28
9.14	Parallel Session 14: NLP: Question Answering & Text Understanding	29
9.15	Parallel Session 15: LLMs, RAG & Cross-Lingual Reasoning	30

CONFERENCE INFORMATION

Dates	October 16 th (Friday) – October 18 th (Sunday) 2026
Organizer	Faculty of Computer Science, Universitas Indonesia, Indonesia Universitas Pertahanan, Indonesia
Venue	Auditorium Indro Suwandi
Official Language	English
Secretariat	Faculty of Computer Science, Universitas Indonesia Kampus UI Depok Depok, 16424 Indonesia T: +62 21786 3419 ext. 3225 F: +62 21 786 3415 E: icacsis@cs.ui.ac.id W: https://www.cs.ui.ac.id
Conference Website	https://icacsis.cs.ui.ac.id

ICACSYS 2026

International Conference on Advanced Computer Science and Information Systems
October 16–18, 2026 • Depok, Indonesia • <https://icacsis.cs.ui.ac.id/>

Agenda

Day 1 – Friday, 16 Oct

13:30 – 16:30 Registration Desk Open
Auditorium Indro Suwandi

Day 2 – Saturday, 17 Oct

07:00 – 08:00 Registration Desk Open
Auditorium Indro Suwandi
08:00 – 08:15 Opening Ceremony (Dean; Chair of IEEE Computer Society Indonesia Chapter; Opening Speech by Rektor (Video))
Auditorium Indro Suwandi
08:15 – 09:00 Keynote 1: Prof. Mahardhika Pratama, Ph.D.
Auditorium Indro Suwandi
09:00 – 09:45 Keynote 2: Prof. Rajkumar Buyya
Auditorium Indro Suwandi
09:45 – 10:30 Keynote 3: Prof. Simon See
Auditorium Indro Suwandi
10:30 – 10:45 Coffee Break
Selasar Audit
10:45 – 11:15 Keynote 4: Dr. M. Fauzan Adziman, S.T., M.Eng.
Auditorium Indro Suwandi
11:15 – 11:45 Keynote 5: Chairul Hudaya, Ph.D.
Auditorium Indro Suwandi
11:45 – 13:00 Break + Lunch
Selasar Audit, Lunch Prasmanan
13:00 – 13:30 Keynote 6: Prof. Dr. Arif Satria
Auditorium Indro Suwandi
14:00 – 14:15 Break
Selasar Audit
14:15 – 15:00 Invited Speaker 1: Ing. Karel Juryca, Ph.D. (Online)

Auditorium Indro Suwandi
15:00 – 15:40 Coffee Break
Selasar Audit
15:40 – 16:25 Invited Speaker 2: Muhammad Anwar Ma'sum, Ph.D. (Online)
16:25 – 18:25 Gala Dinner Preparation
18:25 – 20:25 Gala Dinner
Selasar Auditorium, all participants

Day 3 – Sunday, 18 Oct

08:00 – 09:45 Parallel Session 1 (*Parallel*)
8 Kelas (Hybrid)
09:45 – 10:00 Coffee Break
Lantai 1 Zona 3
10:00 – 11:45 Parallel Session 2 (*Parallel*)
8 Kelas Paralel (Hybrid)
11:45 – 12:45 Break
Lantai 1 Zona 3
12:45 – 14:45 Networking Session
Ruang Sidang
14:45 – 15:00 Coffee Break
Lantai 1 Zona 3
15:00 – 16:45 Networking Session
Ruang Sidang
16:45 – 17:15 Closing & Award – Best Presenter

Venue

Auditorium Indro Suwandi, New Building FASILKOM

Universitas Indonesia, New Building, Fasilkom UI Jl. Prof. DR. Sudjono D. Pusponegoro 2nd Floor, Pondok Cina, Beji, Depok City, West Java 16424

Organizers & Committees

Honorary Chairs

Heri Hermansyah, Universitas Indonesia, ID
Wisnu Jatmiko, Universitas Indonesia, ID

General Chair

Harry Budi Susanto, Universitas Indonesia, ID

Program Chair

Baginda Anggun Nan Cenka, Universitas Indonesia, ID
Muhammad Mishbah, Universitas Indonesia, ID

Publicity Chair

Jessica Naraiswari Arwidarasti, Universitas Indonesia, ID

Proceeding Chair

Aprinaldi, Universitas Indonesia, ID

Treasurers

Anggitha Woelandhary, Universitas Indonesia, ID
Edina Ayuningtyas, Universitas Indonesia, ID

Local Organizing Chair

Nandhita Zefania Maharani, Universitas Indonesia, ID

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Fatimah Azzahro, Universitas Indonesia, ID
Ika Alfina, Universitas Indonesia, ID
Imairi Eitiveni, Universitas Indonesia, ID
Indra Budi, Universitas Indonesia, ID
Kurniawati Azizah, Universitas Indonesia, ID
Laksmi Rahadiani, Universitas Indonesia, ID
Lim Yohanes Stefanus, Universitas Indonesia, ID
Martin Schrepp, Universitas Indonesia, ID
Muhammad Anwar Ma'sum, Universitas Indonesia, ID
Muhammad Febrian Rachmadi, Universitas Indonesia, ID
Muhammad Okky Ibrohim, Universitas Indonesia, ID
Nabila Clyde Harahap, Universitas Indonesia, ID
Oenardi Lawanto, Universitas Indonesia, ID
Panca Hadi Putra, Universitas Indonesia, ID
Rahmad Mahendra, Universitas Indonesia, ID
Satrio Pradono Suryodiningrat, Universitas Indonesia, ID
Setiadi Yazid, Universitas Indonesia, ID
Toto Haryanto, Universitas Indonesia, ID
Tsukasa Hirashima, Universitas Indonesia, ID
Wahyu Catur Wibowo, Universitas Indonesia, ID
Widijanto Satyo Nugroho, Universitas Indonesia, ID

Student Volunteers

Volunteer Coordinator *All Area*

Riri Safitri (S3 - 2025)
 Suryatiningsih (S3 - 2025)
 Yogiek Indra Kurniawan (S3 - 2024)
 Muhammad Naufal Al Ghifari (S2 - 2025)

Registration & Welcome Desk

Registration Area
 Lead: Ayreine Nisya' D (S2 - 2025)

- Ahmad Rizki Daffaa (S1 - 2025)
- Fadil Surya Pramana (S1 - 2026)
- Vanessa Josephin Gwi (S1 - 2026)

Information Desk & Participant Service

Lobby / Help Desk
 Lead: Syaikha Amirah Zikrina (S2 - 2025)

- Hilda Nida Alistiqlal (S2 - 2025)
- Farel Boston Corinthians Nadeak (S1 - 2025)

VIP & Speaker Liaison

VIP / Speaker Area
 Lead: Suryatiningsih (S3 - 2025)

- Muhammad Kaddafi Suyatno (S2 - 2025)
- Muhammad Naufal Al Ghifari (S2 - 2025)
- Hilda Nida Alistiqlal (S2 - 2025)
- Vanessa Josephin Gwi (S1 - 2026)

Session Chair

Parallel Session Room
 Lead: Nashuha Insani (S2 - 2025)

- Agsanshina Raka Syakti (S2 - 2024)
- Tasya Mulia Salsabila (S2 - 2025)
- Nabila Hermawati (S2 - 2026)

Parallel Session Room Assistant

Parallel Session Room
 Lead: Muhammad Kaddafi Suyatno (S2 - 2025)

- Mikhael Tobias Ezra Simanjuntak (S1 - 2026)
- Rindivia Derilla Zihan (S1 - 2026)

Technical Support

All Session Room
 Lead: Vincentius Filbert Amadeo (S1 - 2024)

- Fahrezy Khairu Ghassani (S1 - 2026)
- Almas Mustaqim

Time Keeper

Session Room
 Lead: Harman Hakim (S1 - 2023)

- Daffa Mohamad Fathoni (S1 - 2022)

Auditorium Main Hall

Main Auditorium
 Lead: Riri Safitri (S3 - 2025)

- Yogiek Indra Kurniawan (S3 - 2024)
- Muhammad Naufal Al Ghifari (S2 - 2025)

Documentation & Media

All Venue
 Lead: Nadya Aulia Putri (S2 - 2024)

- Alif Shidqi Putra Amir (S1 - 2025)
- Glenn Josia Devano (S1 - 2025)
- Batrisya Dayana (S1 - 2026)

Hospitality & Catering

Lunch / Coffee Break / Gala Dinner
 Lead: Hilda Nida Alistiqlal (S2 - 2025)

- Vanessa Josephin Gwi (S1 - 2026)
- Farel Boston Corinthians Nadeak (S1 - 2025)
- Muhammad Kaddafi Suyatno (S2 - 2025)
- Rindivia Derilla Zihan (S1 - 2026)

Speakers

KEYNOTE SPEAKER: Prof. Mahardika Pratama, Ph.D.



**PROF. MAHARDIKA
PRATAMA, PH.D**

Associate Professor &
Enterprise Fellow in
Artificial Intelligence

**Adelaide University
Australia**

Professor Mahardhika Pratama is an Associate Professor (Reader) and Enterprise Fellow in Artificial Intelligence at the School of Computer Science and IT, Adelaide University, Australia, and an Adjunct Professor at Institut Teknologi Sepuluh Nopember (ITS), Indonesia. He is a Senior Member of the IEEE and has held academic positions at leading universities in Australia and Singapore, including the Adelaide University, Nanyang Technological University, La Trobe University, and the University of Technology Sydney.

His research expertise lies in Artificial Intelligence and Machine Learning, with particular emphasis on continual learning, stream learning, few-shot learning, domain adaptation, online learning, and fuzzy neural networks.

Professor Pratama has led and contributed to major research initiatives funded by the Australian Research Council (ARC), SmartSat CRC, Defence Science and Technology Group (DSTG), A*STAR, the National Research Foundation of Singapore, and industry partners. His recent research includes spacecraft autonomy and onboard AI, collaborative autonomy for complex space systems, and dynamic optimization of satellite constellation resources.

He has an extensive publication record in internationally recognized journals and conferences, including IEEE Transactions on Neural Networks and Learning Systems, IEEE Transactions on Fuzzy Systems, Information Sciences, and Knowledge-Based Systems. His research achievements have received international recognition, including the 2024 Outstanding Associate Editor Award from IEEE Transactions on Neural Networks and Learning Systems and the 2019 IEEE Transactions on Fuzzy Systems Publication Award.

Beyond his research, Professor Pratama is an active contributor to the global academic community through editorial leadership, postgraduate supervision, conference organization, and international scholarly engagement. He currently serves as a Senior Editor and Associate Editor for several leading Q1 journals and as a program committee member for major international conferences, including IJCAI, ICLR, ICCV, ECML PKDD, AAAI, and CIKM. He has also delivered numerous keynote and invited presentations internationally on Artificial Intelligence, Machine Learning, data streams, and related areas.

KEYNOTE SPEAKER

**PROF.
RAJKUMAR
BUYYA**

Fellow of ACM, IEEE, and
Academia Europaea
Director, Cloud Computing
and Distributed Systems
(CLOUDS) Lab CEO

**The University of
Melbourne, Australia
Manjrasoft Pvt Ltd,
Melbourne, Australia**

Dr. Rajkumar Buyya is a Redmond Barry Distinguished Professor and Director of the Quantum Cloud Computing and Distributed Systems (qCLOUDS) Laboratory at the University of Melbourne, Australia. He is also serving as the founding CEO of Manjrasoft, a spin-off company of the University, commercializing its innovations in Cloud Computing. He has authored over 850 publications and seven textbooks including “Mastering Cloud Computing” published by McGraw Hill, China Machine Press, and Morgan Kaufmann for Indian, Chinese and international markets respectively. Dr. Buyya is one of the highly cited authors in computer science and software engineering worldwide (h-index=181, g-index=394, i10-index=891, and 172,600+ citations). A bibliometric study by Stanford University and Elsevier since 2019, Dr. Buyya is recognized as the Highest-Cited author in the Distributed Computing field worldwide. He graduated 66+ PhD students who are working in world-leading research universities and high-tech companies such as Microsoft, Google, and IBM. He has been recognised as an ACM Fellow, IEEE Fellow, Fellow of the Academy of Europe, a “Web of Science Highly Cited Researcher” for seven times since 2016, the “Best of the World” twice for research fields (in Computing Systems in 2019/2024 and Software Systems in 2021/2022/2023) as well as “Lifetime Achiever” and “Superstar of Research” in “Engineering and Computer Science” discipline twice (2019 and 2021) by the Australian Research Review.

Software technologies for Grid, Cloud, Fog, Quantum computing developed under Dr. Buyya’s leadership have gained rapid acceptance and are in use at several academic institutions and commercial enterprises in 60+ countries around the world. Manjrasoft’s Aneka Cloud technology developed under his leadership has received “Frost New Product Innovation Award”. He served as founding Editor-in-Chief of the IEEE Transactions on Cloud Computing. He is currently serving as Editor-in-Chief of Software: Practice and Experience, a long-standing journal in the field established in 1970. He has presented over 750 invited talks (keynotes, tutorials, and seminars) on his vision on IT Futures, Advanced Computing technologies, and Spiritual Science at international conferences and institutions in Asia, Australia, Europe, North America, and South America.

For further information on Dr. Buyya, please visit his cyberhome:
www.buyya.com

KEYNOTE SPEAKER**PROF. SIMON SEE****Director****NVIDIA AI Technology
Center USA**

Professor Simon See is currently the Solution Architecture and Engineering Senior Director, Chief Solution Architect & Global Head for Nvidia AI Technology Center, NVIDIA Corporation. He is also a Professor at Shanghai Jiao Tong University, Professor in Beijing University of Posts and Telecommunications (BUPT), and Professor in Universitas Indonesia (UI). He is being conferred as a Distinguished Fudan Scholar in September 2018 by Fudan University, Shanghai, China. Previously Professor See is also the Chief Scientific Computing Advisor for BGI (China) and has a position in Nanyang Technological University (Singapore) and King-Mong Kung University of Technology (Thailand). Professor See is currently involved in a number of International computational, mathematical science projects and national AI initiatives. Recently Dr Simon has been appointed as the Executive Director of the ASEAN Applied Research Centre (AARC). His research interests are in the area of High-Performance Computing, Big Data, Artificial Intelligence, Machine Learning, Computational Science, Applied Mathematics and Simulation Methodology. Professor See is also leading some of the AI initiatives in the Asia Pacific. He is a Steering Committee member of NSCC's flagship High Performance Computing Conference Supercomputing Asia (SCA) since March 2018. He has published over 200 papers in these areas and has won various awards.

Professor See is a Fellow member of IET, Chairman of TaskForce of IEEE's CIS Neural Networks Technical Committee, a member of IEEE, SIAM, AAAI, SCS, and also on the Advisory Team of AIP (AI Professional Association), International Advisory Board of Institute of Operations Research & Analytics (IORA), Advisory Team of Machine Intelligence and Data Analytics Research Centre (MIDARC), School of Computing Sciences (India) and Board of Studies, MS Tech Programs of Mahindra University, Editorial Board Member of Journal of Computational and Cognitive Engineering (JCCE), and the committee member of more than 50 conferences.

Professor See graduated from the University of Salford (UK) with a Ph.D. in electrical engineering and numerical analysis in 1993. Prior to joining NVIDIA, Dr. See worked for SGI, DSO National Lab. of Singapore, IBM, International Simulation Ltd (UK), Sun Microsystems and Oracle. He is also providing consultancy to a number of national research and supercomputing centers.

KEYNOTE SPEAKER



**DR. M. FAUZAN
ADZIMAN, S.T.,
M.ENG.**

**Director General of
Research and
Development of the
Ministry of Higher
Education, Science, and
Technology**

Fauzan is a leading Indonesian technocrat with extensive international experience as a deep- tech technopreneur at the convergence of cutting-edge research, sovereign finance, and government policy. He earned distinguished degrees – awarded the Ganesha Prize 2003 (Best B.Eng. Graduate) from Institut Teknologi Bandung, the Miura Award 2007 (Best M.Eng. Graduate) from Tokyo Institute of Technology, and a prestigious Zienkiewicz Ph.D. fellowship from the Zienkiewicz Centre for Modelling Data & Artificial Intelligence, UK. He subsequently served over 11 years at the University of Oxford in academic roles including Lecturer and Senior Research Fellow. He received the University of Oxford's Excellence Award for successfully leading Oxford's technology transfer efforts at the international level.

He co-founded the University of Oxford spin-out Alloyed Ltd (valued at over Rp 2.2 trillion in 2024 and recognised as the fastest-growing spin-out industry in the UK by the Royal Academy of Engineering's Spotlight on Spinouts report for two consecutive years, 2023- 2024). He has served as Adjunct Professor at Institut Teknologi Bandung for the past 8 years. Since January 2025, Fauzan has served as Director General of Research and Development at Indonesia's Ministry of Higher Education, Science, and Technology, embodying Indonesia's "Triple Helix" model that links industry, academia, and government.

KEYNOTE SPEAKER

**CHAIRUL
HUDAYA, PH.D.**

**Director of the National
Research and
Innovation Agency**

Chairul Hudaya, Ph.D, is the Director of the Directorate of High-Impact Innovation and Research at Universitas Indonesia, a role he has held since December 2024. He is also an Assistant Professor in the Department of Electrical Engineering, Faculty of Engineering, Universitas Indonesia. He earned his Bachelor's degree from Universitas Indonesia, his Master's degree from Seoul National University, and his Doctorate from the University of Science and Technology, Korea Institute of Science and Technology (UST-KIST) campus, where he was also a research student from 2011 to 2016.

Dr. Hudaya brings extensive academic leadership and research management experience. He served as Rector of Sumbawa University of Technology (2020-2024), Head of the Department of Interdisciplinary Engineering at UI, Head of the Energy System Engineering Master's Program, and Head of the Energy Conversion Laboratory. He was also Finance and Grant Manager at the Center for Collaborative Research SMART CITY UI, a USAID-funded project under the SHERA program. Beyond academia, he is a member of IEEE, Chairman of Stakeholders, Policy, and Regulation at the Indonesia Smartgrid Initiative (PJCI), and an Associate Assessor of Electrical Distribution Systems at the Electrical Competence Certification Agency (KAGATRIK).

INVITED SPEAKER



Dr. Karel Juryca is a researcher and lecturer at the Faculty of Electrical Engineering and Informatics, University of Pardubice, Czech Republic. His research interests include radar signal processing, primary and passive radar systems, bistatic radar, clutter modeling, Doppler and micro-Doppler analysis, target detection, and the analysis and mitigating wind turbine effects on radar systems.

DR. KAREL JURYCA

Lecturer at the Faculty of
Electrical Engineering and
Informatics

**University of Pardubice,
Czech Republic**

INVITED SPEAKER

**MUHAMMAD
ANWAR MA'SUM,
S.KOM., M.KOM.,
PH.D.**

**Adelaide University,
Australia**

Dr Anwar is a researcher in artificial intelligence and machine learning, working on both fundamental and applied AI/ML areas. He is now working as a research fellow at the Industrial AI (IAI) Research Centre, Adelaide University, particularly on Spacecraft Autonomy and Onboard Artificial Intelligence (AI) for the Next Generation Space Systems (SCARLET- α) project, a collaborative consortium project between the SMARTSAT cooperative research centre (SMARTSAT-CRC), Defence Science and Technology Group (DSTG), Adelaide University, Deakin University, Swinburne University of Technology, and industrial partners, i.e., Saab and BAE Systems.

He received his PhD from the University of South Australia in 2025 (now Adelaide University). His doctoral research focused on continual learning and its sub-problems, addressing catastrophic forgetting of deep neural networks in dynamic and distributed environments under various constraints, i.e., rehearsal-free, data scarcity, label unavailability, streaming data, privacy-preserving, and limited communication bandwidth. His research has been applied to vision data, including remote sensing images and time series data. Previously, he received his bachelor's and master's degrees from Universitas Indonesia, where both his bachelor's and master's studies were focused on machine learning for medical data analysis. He holds a lecturer position (on leave) at the Faculty of Computer Science, Universitas Indonesia, and is affiliated with the Intelligent Robots and Systems Laboratory.

Dr Anwar has been contributing to research in AI/ML area through publications and collaborations in fundamental machine learning, including continual learning, few-shot learning, federated learning, transfer learning and reinforcement learning, multi-agent systems including robotics and spacecraft systems, and domain-specific AI/ML applications. He contributes to AI/ML communities as a program committee member (reviewer) in top-tier journals such as IEEE TPAMI, IEEE TIP, Pattern Recognition, and conferences such as NeurIPS, ICLR, AAAI, CVPR, ECCV, and WACV.

Payment

	Bank name : BNI Account name (payee): UNIVERSITAS-INDONESIA Branch name: UI Depok Account number : 127 3000 444 Swift code (BIC) : BNI NIDJA 127 3000 444 for 8 characters or BNI NIDJA XXX 127 3000 444 for 11 characters Branch name address (with postcode, town, country): Gedung Perpustakaan Pusat Universitas Indonesia, Kampus UI Depok, Depok, Jawa Barat, Indonesia, 16424 Address of payee (with postcode, town, country): Fakultas Ilmu Komputer, Kampus UI Depok, Depok, Jawa Barat, Indonesia, 16424 Phone number of payee: +62 21 7863419
There will be additional fees (\$50/page or Rp 883.450/page) if your paper is more than 6 pages, and please be sure that your paper is not more than 10 pages. Transfer fees transactions are charged to the author. Make sure one of the author(s) of the paper registers to the conference by September 30, 2026, at the latest (September 15, 2026 at the latest for early bird). Please fill in the following form: https://bit.ly/icacsis2026_regist (Form submission needs to log in from Google account.) We do not provide printed proceeding onsite, please contact us if you need one. There is an additional charge to print and ship it to your address	

Registration Notes

- At least one author of each accepted paper must register by **30 September 2026**.
- Authors and non-presenting participants may register at: <https://bit.ly/iwbis2026-regist>
- The registration form requires a Google account.
- Virtual registration is available. Details of the Zoom link or meeting ID will be distributed closer to the event.

Conference Platform

ON-SITE PARTICIPATION

The workshop will take place at the **Faculty of Computer Science (FASILKOM), Universitas Indonesia (New Building)**. The committee will announce the session rooms together with the final program.

Address of FASILKOM New Building: Jl. Prof. DR. Sudjono D. Pusponegoro, Pondok Cina, Kecamatan Beji, Kota Depok, Jawa Barat 16425

Activity	Venue
Plenary and keynote sessions	Auditorium Indro Suwandi (FASILKOM New Building, Level 2)
Parallel sessions	New Building: Level 1, 2, and 3

Detailed room assignments for each session will be communicated with the final program.

VIRTUAL PARTICIPATION

Virtual registration is available. The conference will use the **Zoom** platform (<https://zoom.us>).

- All plenary and keynote sessions will be livestreamed through Zoom.
- Several invited and keynote speakers will also participate online, including the ICAC SIS Invited Speakers.
- The Zoom meeting link and/or meeting ID will be shared closer to the event.

Guidelines for Presenters

1. Presentation Time and Format

- **Presentation duration.** Each paper is allocated a total of **20 minutes**, comprising 15 minutes for the presentation and 5 minutes for questions, answers, and transition.
- **Language.** All presentations and presentation slides must be delivered in English.
- **Slide format.** Please prepare your presentation slides in **16:9 widescreen** aspect ratio.

2. Onsite Presenters

- **Reporting time.** Arrive at your assigned session room at least **10–15 minutes** before the scheduled session starts.
- **Session check-in.** Introduce yourself to the Session Chair and test your presentation before the session begins.
- **Available equipment.** A laptop, projector, and audio system will be provided in each session room.
- **File submission.** Copy your final presentation file in PDF or PowerPoint (.pptx) format to the session-room laptop using a USB drive before the session begins or during the preceding break.

3. Virtual Presenters

- **Platform.** Virtual presentations will be conducted through Zoom.
- **Pre-session setup.** Join the assigned Zoom room at least **10 minutes** before your session to test your microphone, camera, and screen-sharing function.
- **Display name.** Use the following Zoom display-name format: **Paper ID - Presenter Name**. For example: 101 - John Doe.
- **Technical readiness.** Use a stable internet connection, a quiet presentation environment, and a properly functioning headset or microphone.

Guidelines for Session Chairs

1. Before the Session

- **Check-in.** Arrive at the assigned session room for onsite participation, or join the Zoom room for virtual participation, at least **15 minutes** before the session begins.
- **Presenter attendance.** Verify that all presenters assigned to the session are present, including both onsite and virtual presenters.
- **Presentation materials.** Ensure that onsite presentation files are available on the session-room computer.
- **Virtual readiness.** Confirm that virtual presenters have been granted the necessary co-host and/or screen-sharing permissions.

2. During the Session

- **Introduction.** Open the session promptly at the scheduled time, announce the session topic, and introduce each presenter before their talk.
- **Time management.** Maintain the allocation of **20 minutes** per paper: 15 minutes for the presentation and 5 minutes for questions, answers, and transition.
- **Time warnings.** Give each presenter clear time reminders, for example when three minutes and one minute remain.
- **Schedule discipline.** Do not allow presentations to exceed the allocated time, in order to preserve fairness and maintain the published schedule.
- **Question-and-answer moderation.** Facilitate questions from both onsite participants and virtual attendees, including questions submitted through Zoom chat or raised-hand features.
- **Backup question.** If no questions are raised by the audience, prepare at least one relevant question for the presenter.

3. No-Shows and Cancellations

- **Fixed schedule.** Do not advance the start times of subsequent presentations when an author is absent or a paper is cancelled.
- **Use of vacant slots.** Maintain the official schedule so that participants joining for a specific paper can attend at the announced time. A vacant slot may be used for a short discussion or recess.

4. After the Session

- **Attendance and evaluation.** Record presenter attendance and complete the Session Evaluation and Best Presenter Recommendation form provided by the committee.
- **Closing.** Thank the presenters and audience, then formally conclude the session.

Papers

9.1 Parallel Session 1: Technology Adoption & Digital Ecosystem Applications

Time	08:00–09:40 GMT+7
Session Chair	Dr. Ave Adriana Pinem, S.Kom., M.Kom.
Co-Chair	Imam Maliki, S.T., M.T.I.
Location	Room A.2.06 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571308387	<i>AI Adoption in Cultural Heritage Sector: A Multi-Stakeholder Qualitative Study in Indonesia</i>	Online	Topan Try Harmanda	Topan Try Harmanda Universitas Indonesia; Achmad Hidayanto; Rizal Aji University of Indonesia
2	08:20–08:40	1571321931	<i>Artificial Intelligence Readiness and Organizational Support for AI Adoption in Digital News Organizations</i>	Onsite	Asilanisa Wijayanti	Muslikhin; Asilanisa Wijayanti Bina Nusantara University; Riana Jogi Ahdareni Matondang bina nusantara university; Fitria Andayani; Tiurida Lily Anita Bina Nusantara University
3	08:40–09:00	1571337487	<i>A Digital Platform Approach for Smart Tourism Ecosystem Development: A Case Study of mSmart</i>	Online	Hendro Nindito	Hendro Nindito Bina Nusantara University; Evaristus Didik Madyatmadja Bina Nusantara University & School of Information Systems
4	09:00–09:20	1571323795	<i>Seeing is Believing: A Supply-Demand Barrier Framework for Agricultural Hardware Technology Adoption in Indonesian Aquaculture</i>	Onsite	Muhammad Hatta Izzaka	Muhammad Hatta Izzaka INA Digital Edu; Adya Danaditya Georgia Institute of Technology

9.2 Parallel Session 2: Technology Adoption & Digital Ecosystem Applications

Time	10:00–11:20 GMT+7
Session Chair	Dr. Widia Resti Fitriani, S.Kom., M.Kom
Co-Chair	Kamila Alifa Imanuddin, S.Kom., M.T.I.
Location	Room A.2.06 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	10:00–10:20	1571338154	<i>Analysis of the Factors Influencing Consumer Switching Intention from Marketplace to Brand Owned E-Commerce Website</i>	Online	Farrel Arganta Nadhyta	Desta Imam Muttaqin; Farrel Arganta Nadhyta; Rayyan Karim Bakarbesy; Ferdianto; Kukuh Lukiyanto Bina Nusantara University
2	10:20–10:40	1571339545	<i>Orchestrating Agility Within the Digital Ecosystem: A Structural Equation Modeling Approach to MSME Productivity in Smart Societies</i>	Online	Teguh Sriwidadi	Teguh Sriwidadi; Hartiwi Prabowo Bina Nusantara University & BINUS Online Learning; Dony Saputra Bina Nusantara University & Binus Business School Undergraduate Program; Aisyah Qanita Bina Nusantara University
3	10:40–11:00	1571327116	<i>Integrating Social Media Marketing and Technology Acceptance to Explain MSME Loyalty to Used Digital Banking</i>	Online	Marita T Salandanan	Rini Sari Binus University & Bina Nusantara University; Marita T. Salandanan De La Salle University Manila Philippines & Emilio Aguinaldo College Cavite Philippines; Ivan Sangkereng; Mujahidil Mustaqim; Olivia Oktariska Timbayo; Andrianto Susilo Bina Nusantara University
4	11:00–11:20	1571336038	<i>Extended Expectation-Confirmation Model: Continuance Intention in Episodic Year-in-Review Features</i>	Online	Georgius Kenny Gunawan	Georgius Kenny Gunawan Binus University; Dedy Syamsuar Bina Nusantara University

9.3 Parallel Session 3: Human-Centered & Applied AI

Time	08:00–09:40 GMT+7
Session Chair	Imairi Eitiveni, S.Kom., M.Kom., Ph.D.
Co-Chair	Rivaldi Rizalul Akhsan, M.Kom
Location	Room A.2.07 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571323874	<i>A Conceptual Design of n8n-Based Agentic AI for Material Requirement Planning Decision Support: A Case Study at a Ready-Mix Concrete Plant in Indonesia</i>	Online	Dr. Teguh Raharjo, S.Kom, M.T.I.	Bintang Nursyawalli Sidi; Teguh Raharjo; Bob Hardian; Dinda Ayu Hapsari Universitas Indonesia
2	08:20–08:40	1571339614	<i>Design and Evaluation of a Human-in-the-Loop Artificial Intelligence Process for Technical Document Conversion Guided by Cognitive Project Management for AI: A Case Study in a Financial Institution</i>	Online	Ginangjar Dewi Girang	Ginangjar Dewi Girang; Teguh Raharjo; Farizky Universitas Indonesia
3	08:40–09:00	1571319289	<i>Explainable Artificial Intelligence and Trust Formation in Indonesian FinTech: A PLS-SEM Analysis of Adoption Intention</i>	Online	Muhammad Alfarizi	Rini Sari Binus University & Bina Nusantara University; Muhammad Alfarizi Wahid Hasyim University; Marita T. Salandanan De La Salle University Manila Philippines & Emilio Aguinaldo College Cavite Philippines
4	09:00–09:20	1571332307	<i>Role of Trust and Perceived Intelligence in Smartphone Generative Artificial Intelligence Continuance Intention</i>	Online	Naufal Rizqi Pratama	Naufal Rizqi Pratama Binus University; Arta Moro Sundjaja Bina Nusantara University

9.4 Parallel Session 4: Generative AI, Recommendation & Creative Applications

Time	10:00–11:20 GMT+7
Session Chair	Dr. Yekti Wirani, S.T., M.T.I.
Co-Chair	Puti Adella Elvina, S.Sos, M.T.I
Location	Room A.2.07 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	10:00–10:20	1571323869	<i>Second-Order Accord Co-Occurrence for Interaction-Free Perfume Retrieval</i>	Online	Azam Azri Ahmad	Azam Azri Ahmad; Syukron Abu Ishaq Alfarozi; Bimo Sunarfri Hantono Universitas Gadjah Mada; Kuntpong Woraratpanya King Mongkut's Institute of Technology Ladkrabang
2	10:20–10:40	1571337837	<i>A Prompt-Aware Diffusion Framework for Style-Controllable Interior Design Generation</i>	Online	Noor Hasimah Ibrahim Teo	Noor Hasimah Ibrahim Teo Universiti Teknologi Mara; Rosniza Roslan; Mohd Suffian Sulaiman Universiti Teknologi MARA; Anita Ahmad Kasim Universitas Tadulako
3	10:40–11:00	1571338979	<i>The Effect of XAI Explanation Types on User Trust and Purchase Intention in a Conversational Recommender System for the Perfume Domain</i>	Online	Raissa Desyandita Tedjomurti	Raissa Desyandita Tedjomurti; Bimo Sunarfri Hantono; Paulus Insap Santosa Universitas Gadjah Mada
4	11:00–11:20	1571323489	<i>BPM-Supportive Culture: Conceptualizing Cultural Values for BPM Implementation in Indonesia</i>	Online	Siti Aqila Ghaisani Akmal	Siti Aqila Ghaisani Akmal Universitas Telkom; Fitriyana Dewi; Rachmadita Andreswari Telkom University

9.5 Parallel Session 5: Educational Technology & Learning Analytics

Time	08:00–09:40 GMT+7
Session Chair	Lintang Matahari Hasani, S.Kom., M.Kom., Ph.D.
Co-Chair	Dawam Dwi Jatmiko Suwawi, S.T., M.T
Location	Room A.2.08 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571308313	<i>Multi-Source Learning Analytics with Comparative Feature Selection for Early at-Risk Student Prediction</i>	Online	Muhamad Ichsan Gunawan	Muhamad Ichsan Gunawan; Umi Laili Yuhana; Sarwosri Institut Teknologi Sepuluh Nopember; Addin Aditya Institut Teknologi Sepuluh Nopember & Universitas Bhinneka Nusantara
2	08:20–08:40	1571331497	<i>Evaluating AI-Augmented Cognitive Scaffolding for Phishing Detection and Transfer Learning</i>	Online	Gamal Thabroni	Gamal Thabroni; Mochamad Teguh Kurniawan; Ilman Manarul Qori; Fadhil Muhammad Akbar; Nendi Isharmawan Telkom University
3	08:40–09:00	1571338066	<i>EcoSort: A Serious Game for Teaching Waste and Environmental Awareness</i>	Online	Joshua Mackenzie Chandra	Joshua Mackenzie Chandra; Galih Dea Pratama Bina Nusantara University
4	09:00–09:20	1571338266	<i>Preserving Local Language Heritage in the Digital Era: Developing a Interactive Multimodal SmartBook for Revitalizing Sundanese Speech Politeness Levels</i>	Online	M. Ridwan Sutisna	Ranu Sudarmansyah; Asep Rudi Nurjaman; Deden Pradeka; M. Ridwan Sutisna; Muh. Husen Arifin; Uus Kusnadi; Nurul Hidayah; Diki Somantri Universitas Pendidikan Indonesia
5	09:20–09:40	1571322510	<i>Preventing Proxy Attendance in Practicum Systems Through Dual-Layered Authorization and Rolling QR Codes</i>	Online	Dhimmas Parikesit	Dhimmas Parikesit; Tien Fabrianti Kusumasari; Ekky Novriza Alam Telkom University

9.6 Parallel Session 6: Computer Vision & Multimodal Perception

Time	10:00–11:40 GMT+7
Session Chair	Aruni Yasmin Azizah, S.Kom., M.Comp.Sc
Co-Chair	Halim Wildan Awalurahman, S.Kom., M.Kom.
Location	Room A.2.08 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	10:00–10:20	1571322746	<i>Panoptic Fusion Dynamo: A Geometrically-Faithful LiDAR-Guided BEV Architecture and a Study of Its Trainability for 3D Panoptic Segmentation</i>	Online	Jane Chrestella Marutotamtama	Jane Chrestella Marutotamtama Bina Nusantara University & Halliburton Logging Services; I Gede Putra Kusuma Negara Bina Nusantara University
2	10:20–10:40	1571338360	<i>Quantum-Inspired DWT-DCT Image Watermarking with Host-Interference-Aware Sinusoidal Margin Embedding</i>	Online	Cantik Zelda Herawan	Cantik Zelda Herawan Universitas Telkom; Rustam Telkom University
3	10:40–11:00	1571339616	<i>Human Body-Part Pose Estimation on Very Low-Resolution Thermal Imagery Using a GPU-Free Embedded Platform</i>	Online	Yosua Ericson Situmeang	Yosua Ericson Situmeang; Ardhira Zahra Pramudya; Ramdhan Nugraha Telkom University
4	11:00–11:20	1571339624	<i>Human Pose Estimation Using Thermal Camera Based on YOLO11-Pose</i>	Online	Ardhira Zahra Pramudya	Ardhira Zahra Pramudya; Yosua Ericson Situmeang; Ramdhan Nugraha Telkom University
5	11:20–11:40	1571308833	<i>AG-HSMIL: Attention-Gated Hyperspectral Multiple Instance Learning for Glioblastoma Detection</i>	Online	Muhammad Imaduddin Abdur Rohim	Muhammad Imaduddin Abdur Rohim Badan Riset dan Inovasi Nasional (BRIN); Wisnu Jatmiko; Aniati M. Arymurthy University of Indonesia; Laksmi Rahadiani Universitas Indonesia; Aprinaldi Jasa Mantau University of Indonesia; Pesigrihastamadya Normakristagaluh National Research and Innovation Agency (BRIN)

9.7 Parallel Session 7: E-Commerce, Customer Experience & Digital Business

Time	08:00–09:40 GMT+7
Session Chair	Ingrid Christiani Sudarto, S.Kom, MTI
Co-Chair	Ir.Darsono Nababan S.Kom.,M.Kom
Location	Room A.2.09 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571308836	<i>Staying or Switching E-Commerce? A Customer-Centric Push-Pull-Mooring Perspective</i>	Online	Elizabeth Nadia Liman	Elizabeth Nadia Liman Binus University; Harjanto Pangestu School of Information Systems Bina Nusantara University; Dicky Hida Syahchari BINUS University & Bina Nusantara University
2	08:20–08:40	1571321766	<i>Segmentation of E-Wallet User Advocacy Behavior by Using K-Means Clustering and Net Promoter Score Validation</i>	Online	Clarette Diva Tatiana	Gracia Aurelia Cung; Clarette Diva Tatiana; Reza Rahutomo Binus University
3	08:40–09:00	1571323024	<i>Analysis of the Influence of CRM Factors on Customer Satisfaction and Continuance Intention Among Users of Subscription</i>	Online	Yosua Lieandi	Yosua Lieandi; Sfenrianto Bina Nusantara University
4	09:00–09:20	1571324343	<i>Analysis of E-Service Quality Using Integrated E-Servqual and Importance Performance Analysis (IPA)</i>	Online	Amanda Rachmawati	Amanda Rachmawati Universitas Telkom; Aris Kusumawati; Alifiansyah Arrizqy Hidayat Telkom University

9.8 Parallel Session 8: Enterprise Architecture & IT Governance

Time	10:00–11:40 GMT+7
Session Chair	Puspa Indahati Sandhyaduhita, S.T., M.Sc., Ph.D.
Co-Chair	Rahmi Imanda, S.Kom., M.Kom
Location	Room A.2.09 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	10:00–10:20	1571309117	<i>Toward an Agile Digital Government Architecture Governance Model: Design and Empirical Pilot on Indonesia's National SPBE Evaluation Panel (2019-2024)</i>	Online	Andi Agus Salim	Andi Agus Salim Universitas Komputer Indonesia & Universitas Telkom; Zainal Arifin Hasibuan Universitas Komputer Indonesia; Agus Nursikuwagus Universitas Komputer Indonesia; Sri Supatmi Universitas Komputer Indonesia
2	10:20–10:40	1571320387	<i>Developing Enterprise Architecture for Indonesia's Digital Population Registry Using TOGAF ADM</i>	Onsite	Chintya Christina	Chintya Christina Universitas Indonesia & Telkom University; Refika Hanum; Stephanus Rudi Pambudhi Soekendar; Nusaibah Alhafizhoh Universitas Indonesia; Panca O. H. Putra University of Indonesia
3	10:40–11:00	1571324185	<i>Designing Ambidextrous Data Architecture Governance to Support GovOrg Digital Government Transformation</i>	Online	Ayu Tri Handayani	Ayu Tri Handayani; Rahmat Mulyana; Fitriyana Dewi Telkom University
4	11:00–11:20	1571325679	<i>Business Architecture for Digital Transformation in Smart Agropolitan Ecosystems: An Adaptive and Resilient Framework</i>	Onsite	Hikma Sekar Tabayun	Hikma Sekar Tabayun Universitas Telkom; Seno Adi Putra; SSi MT Telkom University; Muhammad Panggieta Wastu Universitas Telkom; Egi Al Fansyah; Fitria Widianingsih Telkom University

9.9 Parallel Session 9: Data Governance & Digital Transformation

Time	08:00–09:40 GMT+7
Session Chair	Dr. Nabila Clydea Harahap, S.Kom., M.Kom
Co-Chair	Yeni Rimawati., S.ST., M.T.
Location	Room A.1.09 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571338788	<i>The Missing Data Owner: A DMBOK-Based Analysis of Data Governance Roles in Indonesian Government Institutions</i>	Online	Alex Budiyanto	Alex Budiyanto University of Indonesia & Indonesia Data Management Association; Mutiar Aisyah Indonesia Deposit Insurance Corporation; Achmad Hidayanto University of Indonesia
2	08:20–08:40	1571336603	<i>When Technology is Not the Bottleneck: Socio-Technical Mechanisms of Value Realization in Indonesia's Pharmaceutical Supply Chain</i>	Online	Timor Utama	Timor Utama Universitas Indonesia; Achmad Hidayanto University of Indonesia; Melisca Yuswanti Pemerintah Daerah Sulawesi Tenggara
3	08:40–09:00	1571339041	<i>Industrial Digital DNA: A Self-Evolving Multi-Layer Behavioural Representation Framework for Explainable Predictive Maintenance in Industry 5.0</i>	Online	Aashna Rasheed	Aashna Rasheed MACE Kothamangalam
4	09:00–09:20	1571339864	<i>Evaluating a Mandatory National Tuberculosis Information System with the DeLone & McLean IS Success Model: A PLS-SEM Case Study at an Indonesian District Health Office</i>	Online	Azzahra Rizki Sulardi Trisnawati	Azzahra Rizki Sulardi Trisnawati Universitas Telkom; Aris Kusumawati; Agus Sulistya Telkom University

9.10 Parallel Session 10: HCI, UX & Human-Centered Interaction

Time	10:00–11:40 GMT+7
Session Chair	Lintang Matahari Hasani, S.Kom., M.Kom., Ph.D.
Co-Chair	Dean Apriana Ramadhan, S. Komp, M.Kom
Location	Room A.1.09 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	10:00–10:20	1571321150	<i>Mitigating Situational Impairments in DIY Instructional Tasks: An Empirical Evaluation of Web-Native Voice-Driven Navigation</i>	Online	Samuel Cornelis Simatupang	Samuel Cornelis Simatupang; Komara Indra Putra Binus University; Andien Dwi Novika Bina Nusantara University
2	10:20–10:40	1571336826	<i>Consumer Preferences for QR Code-Based Restaurant Menu UI/UX Attributes in Indonesia: A Conjoint Analysis Study</i>	Online	Jhasmin Safhira	Muhammad Satria Ai Wicaksono Binus University; Jhasmin Safhira; Mufida Sekardhani Bina Nusantara University; Siti Julianingsih Nurfitriyani Bina Nusantara
3	10:40–11:00	1571326317	<i>Implementation of Human-Centered AI in the Interface Redesign of the OpenAI Chat Block Plugin for Moodle</i>	Online	Farah Amalia Putri	Farah Amalia Putri Universitas Telkom; Ati Suci Dian Martha; Sri Widowati Telkom University
4	11:00–11:20	1571323115	<i>Human-Computer Interaction and User Experience Design in Automated Multi-Sensory Fragrance Marketing</i>	Online	Monica Andreane Sudarman	Monica Andreane Sudarman Binus University; Fitrie Handayani Bina Nusantara University
5	11:20–11:40	1571339342	<i>AI-Enabled XR Adoption in Online Learning: A Systematic Review</i>	Onsite	Betty Purwandari	Rika Ekawati; Erza Janitradevi Nadine; Betty Purwandari; Imairi Eitiveni; Nandhita Zefania Maharani Universitas Indonesia

9.11 Parallel Session 11: Software Engineering, Quality & DevOps

Time	08:00–09:40 GMT+7
Session Chair	Andria Arisal, S.T. M.Eng.
Co-Chair	Denny Hermawan, S.T., M.Kom.
Location	Room A.1.10 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571309170	<i>Runtime Performance Analysis of Optimized Docker Images in CI/CD Deployment</i>	Online	Alvian Sugiarto	Alvian Devano Sugiarto; Nicholaus Hendrik Jeremy Bina Nusantara University
2	08:20–08:40	1571324740	<i>A Machine Learning Framework for Software Defect Prediction, Cross-Project Evaluation, and Testing Efficiency Analysis</i>	Online	Md. Sajib Al Masud	Md. Sajib Al Masud; Md. Jabid Hasan Khan; Nazmus Sakib Raiyan; Md. Rayhan Hossain; Md. Nurullah; Md. Aquib Azmain BRAC University
3	08:40–09:00	1571331771	<i>A Comparative Study of Singular Value Decomposition and Linear Discriminant Analysis for Software Defect Prediction on NASA MDP Datasets</i>	Online	Tiara Rahmania Hadiningrum	Siti Rochimah Institut Teknologi Sepuluh Nopember Surabaya; Dini Adni Navastara Institut Teknologi Sepuluh Nopember; Tiara Rahmania Hadiningrum Telkom University; Furstin Aprilavia Putri Institut Teknologi Sepuluh Nopember
4	09:00–09:20	1571307936	<i>Adaptive Confidence-Based Multimodal Fusion for Network Intrusion Detection Under Partial-Flow Conditions</i>	Online	Christian Jordan Dwisaputra	Christian Jordan Dwisaputra; Kisusherly Annelise; Marvell Jayadhammo Darmawan Binus University; Hidayaturrahman Bina Nusantara University; Satriadi Putra Santika Binus University
5	09:20–09:40	1571317656	<i>Evaluating the Performance of Multi-Level Interoperability on IoT with Blockchain Security Using Substrate Based Platform</i>	Online		Nahl Syareza Rahidra Universitas Indonesia; Riri Fitri Sari University of Indonesia

9.12 Parallel Session 12: Predictive Analytics & Applied Machine Learning

Time	10:00–11:40 GMT+7
Session Chair	Made Harta Dwijaksara, S.T., M.Sc., Ph.D.
Co-Chair	Andria Arisal, S.T. M.Eng.
Location	Room A.1.10 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	10:00–10:20	1571332567	<i>Indonesian Automotive Sales Forecasting Using Hierarchical Forecast Reconciliation with Hybrid Exponential Smoothing-Neural Network Autoregression Models</i>	Onsite	Andra Eka Wijayanti	Andra Eka Wijayanti; Novri Suhermi Institut Teknologi Sepuluh Nopember
2	10:20–10:40	1571339897	<i>TF-NNAR: Transfer Function - Neural Network Autoregression Model for Automotive Sales Forecasting with Google Trends Data Input</i>	Onsite	Novri Suhermi	Novri Suhermi; Andra Eka Wijayanti Institut Teknologi Sepuluh Nopember
3	10:40–11:00	1571338552	<i>DTORQ-SVR: A Dual-Target Orthogonal Residual-Quantile Support Vector Regression for Oil Palm Fertilizer-Dose Prediction</i>	Online	Nadhif Athallah Musyaffa	Nadhif Athallah Musyaffa Universitas Telkom; Nisrina Khairiyah; Puji Astuti; Rustam Telkom University; Nur Ibrahim Telkom University & University of Indonesia
4	11:00–11:20	1571339214	<i>Temporal Feature Leakage Inflates Classifier Discrimination in SLA Breach Prediction: A Dual-Protocol Evaluation</i>	Online	Antonius Saputra	Antonius Saputra Binus University; Haryono Soeparno Universitas Bina Nusantara; Ford Lumban Gaol Bina Nusantara University, Jakarta; Benfano Soewito; Yulyani Arifin Bina Nusantara University
5	11:20–11:40	1571322880	<i>Comparative Analysis of Linear Regression and LSTM for Environmental Parameter Prediction in a Rooftop Plant Monitoring System</i>	Online	Wandaningtias Dwi Sayekti	Wandaningtias Dwi Sayekti; Hendy Briantoro; Nilla Rachmaningrum; Faradilla Ditya Ramadhani; Naufal Aditya Nugraha Telkom University

9.13 Parallel Session 13: NLP: Sentiment, Emotion & Aspect Analysis

Time	08:00–09:40 GMT+7
Session Chair	Muhammad Okky Ibrohim, S.Mat., M.Kom., Ph.D.
Co-Chair	Hamdi Riady S.T., M.M.S.I
Location	Room A.3.05 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571308505	<i>Transformer-Based Sentiment and Topic Analysis of Ride-Hailing Reviews: A Cross-Platform Study of Maxim and inDrive</i>	Online	Muhammad Fahma Fauzan	Muhammad Fahma Fauzan Bina Nusantara University; Tuga Mauritsius BINUS University
2	08:20–08:40	1571309271	<i>Dual Stream Aspect Decoupled Supervised Contrastive Learning for Zero Shot Cross Domain Aspect Sentiment Classification</i>	Online	Khushi Gautam	Khushi Gautam Shri Vaishnav Vidyapeeth Vishwavidyalaya
3	08:40–09:00	1571324018	<i>Multi-Label Emotion Classification in Sundanese Text Using Fine-Tuned Encoder-Based Transformers</i>	Onsite	Ibtihal Qomariyyah Luthfiyyah	Ibtihal Qomariyyah Luthfiyyah; Ika Alfina; Evi Yulianti Universitas Indonesia
4	09:00–09:20	1571323314	<i>Exploring Perceived Barriers to Electric Vehicle Adoption in Indonesia Through Sentiment Analysis and Topic Modeling of Youtube Comments</i>	Online	Muhammad Thariq Sultan Deyis	Muhammad Thariq Sultan Deyis Binus University; Navaly BINUS University; Zahra Desvira Dienengsari; Nuril Kusumawardani Binus University

9.14 Parallel Session 14: NLP: Question Answering & Text Understanding

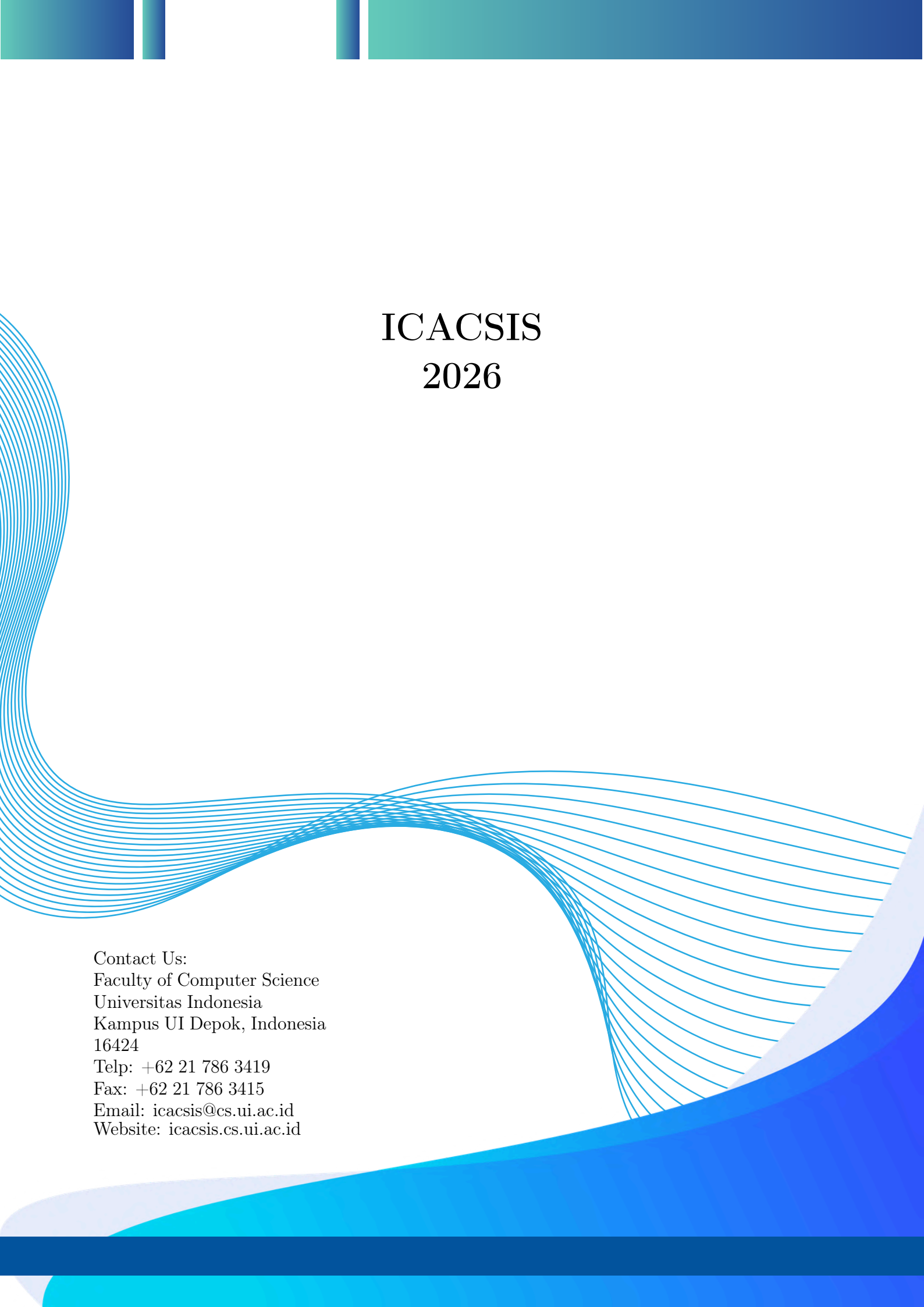
Time	10:00–12:00 GMT+7
Session Chair	Rahmad Mahendra, S.Kom., M.Sc., Ph.D.
Co-Chair	Ilma Alpha Mannix, S.Kom., M.Kom
Co-Chair	Muhammad Suhaili, M.Kom
Location	Room A.3.05 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	10:00–10:20	1571322311	<i>HMPV-IDQA: Closed-Domain Question Answering in Indonesian Language for Human Metapneumovirus</i>	Onsite	Matiin Laugiwa Prawira Putra	Matiin Laugiwa Prawira Putra; Evi Yulianti Universitas Indonesia
2	10:20–10:40	1571317878	<i>Cross-Regulator Robustness of JUDGE-BERT for Legal Meaning Preservation: A Four-Condition Controlled Ablation Study</i>	Onsite	Brian Pramahardika	Brian Pramahardika; Evi Yulianti; Ika Alfina; Wisnu Jatmiko Universitas Indoneisa
3	10:40–11:00	1571326923	<i>IndoTABERT: A TABERT-Based Pretrained Language Model for Indonesian Table Question Answering</i>	Online	Muhammad Nabel Subhan	Muhammad Nabel Subhan; Evi Yulianti Universitas Indonesia
4	11:00–11:20	1571327043	<i>IndoTAPEX: Adapting Table Pre-Training via a Neural SQL Executor for Indonesian Table Question Answering</i>	Online	Muhamad Rifqi	Muhamad Rifqi; Evi Yulianti Universitas Indonesia
5	11:20–11:40	1571339877	<i>When Identity Licenses Substitution: A Controlled Evaluation Across Extensional, Mention, and Information-State Contexts</i>	Online	Toprak Seda Karaosmanoğlu	Toprak Seda Karaosmanoğlu Middle East Technical University
6	11:40–12:00	1571337500	<i>ABEQ: A Systematic Review-Based Framework for Alpha-Beta Error Control in Remanufacturing Engine Quality Assessment with Machine Learning</i>	Online	Bayu Nur Abdallah	Bayu Nur Abdallah Institut Teknologi Sepuluh Nopember (ITS) & Institut Teknologi Kalimantan; Maria Anityasari Institut Teknologi Sepuluh Nopember (ITS); Dedy Dwi Prastyo Institut Teknologi Sepuluh Nopember

9.15 Parallel Session 15: LLMs, RAG & Cross-Lingual Reasoning

Time	08:00–09:40 GMT+7
Session Chair	Meganingrum Arista Jiwanggi, S.Kom., M.Kom., M.Comp.Sc
Co-Chair	Iis Afriyanti, S.Kom., M.Sc
Location	Room A.3.06 — New Building

No.	Time	ID	Paper Title	Presentation	Presenter	Authors
1	08:00–08:20	1571323771	<i>Attention-Based Context Fusion for Cost-Efficient Hybrid RAG</i>	Online	Muhammad Rusydi Al Affan	Muhammad Rusydi Al Affan; Fariz Darari Universitas Indonesia
2	08:20–08:40	1571324046	<i>GovRAG-ID: A Retrieval-Augmented Generation Framework for Indonesian Government Documents with Heterogeneous Data Sources</i>	Onsite	Dewi Krismawati	Dewi Krismawati Universitas Indonesia; Wisnu Jatmiko University of Indonesia
3	08:40–09:00	1571335909	<i>Pre-Training Distribution Drives Cross-Lingual Entanglement: A Linear Concept Ablation Study of the English Bottleneck in Sub-4B LLMs</i>	Online	Nicholas Nevan Kurniawan	Nicholas Nevan Kurniawan; Meiliana Bina Nusantara University
4	09:00–09:20	1571338216	<i>Impact of GGUF Quantization Levels on Inference Efficiency and Accuracy of Small Language Models for Indonesian Sentiment Analysis</i>	Online	Imanuel Yusuf Setio Budi	Kenny Wijaya; Imanuel Yusuf Setio Budi Binus University; Henry Lucky; Galih Dea Pratama Bina Nusantara University
5	09:20–09:40	1571327042	<i>Reasoning in Vietnamese? Language Compliance, CrossLingual Consistency, and Faithfulness of Chain-ofThought Diverge Across Model Families</i>	Online	Nguyen Duy Quan	Nguyen Duy Quan FPT university



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