



BINUS ONLINE

Presents

ICTIM 2026

2nd International Conference on
Technology, Innovation and Management

Scaling Global Value: Integrating AI and Data-Driven Excellence in Technology and Business

4 – 5 August 2026

Held Virtually (Full Online)

PROGRAM BOOK

People
Innovation
Excellence



ICTIM 2026 Book of Program

International Conference on Technology, Innovation and Management

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Welcome Remarks — Rector

Dr. Nelly, S.Kom., M.M.

Rector, Bina Nusantara University

Distinguished keynote speakers, researchers, academics, industry practitioners, and participants from around the world,

Good day, and welcome to the International Conference on Technology, Innovation and Management 2026, or ICTIM 2026.

It is a great pleasure for me, on behalf of BINUS University, to welcome all of you to this conference.

Today, we live in an era where data and Artificial Intelligence are changing the way we learn, work, innovate, and make decisions. However, technology alone is not enough. We must also ensure that it is developed and used responsibly, with a clear purpose to improve lives and create a positive impact on society.

This is why the theme of ICTIM 2026, “Scaling Global Value: Integrating AI and Data-Driven Excellence in Technology and Business,” is highly relevant. It reminds us that meaningful progress requires not only innovation, but also human judgment, ethical responsibility, and collaboration across different fields and countries.

This year is also a special milestone for BINUS as we celebrate 45 years of fostering and empowering society through education, innovation, and collaboration. Throughout this journey, BINUS has remained committed to its vision: to be a world-class university, fostering and empowering society in building and serving the nation.

Through BINUS Online and international conferences such as ICTIM, we continue to make knowledge more accessible and borderless. This year, ICTIM 2026 has brought together more than 300 papers from researchers across 7 countries, a testament to the growing global interest in advancing technology, innovation, and management through collaborative research. We bring together researchers, academics, and industry practitioners from different parts of the world to exchange ideas, share knowledge, and build meaningful collaborations.

I would like to express my sincere appreciation to the organizing committee, reviewers, keynote speakers, authors, and participants for your valuable contributions. Your dedication and passion for knowledge have made this conference possible. I hope ICTIM 2026 will inspire new ideas, meaningful discussions, and impactful collaborations that contribute to a better and more inclusive future.

Thank you, and I wish you all a productive and successful conference.

Dr. Nelly, S.Kom., M.M.

Rector, Bina Nusantara University



Welcome Remarks — Vice Rector Research & Technology Transfer

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

Vice Rector – Research & Technology Transfer, Bina Nusantara University

Research finds its fullest meaning not in the moment of discovery, but in the moment of transfer when knowledge produced within the walls of an institution reaches the hands, the minds, and the practices of those beyond it. It is this conviction that underlies Bina Nusantara University's approach to research and technology transfer, and it is this conviction that the ICTIM 2026 proceedings volume is designed to serve.

The papers gathered in this volume represent more than the scholarly outputs of individual researchers. They represent a collective act of knowledge transfer a deliberate effort by academics and practitioners from across the globe to make their findings available, contestable, and applicable beyond the contexts in which they were produced. In a field as rapidly evolving as the intersection of artificial intelligence, data science, and business innovation, this kind of open and rigorous dissemination is not a courtesy. It is a responsibility.

The theme of ICTIM 2026 “Scaling Global Value: Integrating AI and Data-Driven Excellence in Technology and Business” asks us to think beyond disciplinary boundaries and institutional horizons. Scaling value globally requires not only technical excellence, but the intellectual generosity to share methods, findings, and frameworks across communities that may approach the same problems from entirely different directions. The diversity of contributions in this volume is itself an answer to that challenge.

As Vice Rector for Research & Technology Transfer, I am proud to see Bina Nusantara University host a conference whose proceedings embody our institution's core research mission: to produce knowledge that travels across disciplines, across sectors, and across borders and that generates impact wherever it lands. I extend my deepest appreciation to the Organising Committee, to the peer reviewers who upheld the scholarly standards of this publication, and to every author who chose to share their work with this community.

To every reader of these pages: engage critically, apply generously, and consider how the knowledge contained here might inform not only your next paper, but your next decision, your next collaboration, and your next contribution to the world.

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

Vice Rector – Research & Technology Transfer, Bina Nusantara University



Welcome Remarks — Binus Online Director

Prof. Dr. Ir. Harjanto Prabowo, M.M.

BINUS Online Director

The university of the twenty-first century is no longer defined by the walls of its campus, but by the reach of its ideas. At BINUS Online, this has been our guiding principle since our founding, the belief that rigorous education and meaningful research can and must transcend geographical boundaries, and that the most valuable academic communities are those built not on proximity, but on shared intellectual purpose.

The International Conference on Technology, Innovation and Management 2026 is the embodiment of that principle. Under the theme Scaling Global Value: Integrating AI and Data-Driven Excellence in Technology and Business, ICTIM 2026 brings together scholars, practitioners, and innovators from across the globe to engage with one of the most consequential questions of our time: how do we harness the transformative power of artificial intelligence and data-driven systems in ways that are not only technically excellent, but strategically sound, ethically grounded, and broadly beneficial?

The research gathered in this proceedings volume represents a diverse and rigorous attempt to answer that question. Across its contributions, readers will find work that spans machine learning applications, digital business transformation, innovation management, data governance, and the human dimensions of technological change. Together, these papers do not merely document where the field stands, they point toward where it must go.

As host institution, BINUS Online is proud to provide the platform for these conversations. Our commitment to online education is itself an act of confidence in the power of technology to expand access and elevate quality and it is that same confidence that animates every paper in this volume.

I wish to extend my deepest gratitude to the Organising Committee, to the peer reviewers whose scrutiny upheld the scholarly standards of this publication, and above all to the authors who entrusted their research to this conference. To every reader: may these pages provoke thought, inspire collaboration, and contribute in some measure to a world shaped by knowledge that is both excellent and just.

Prof. Dr. Ir. Harjanto Prabowo, M.M.

BINUS Online Director



Welcome Remarks — Chairman, ICTIM 2026

Dr. Yulius Denny Prabowo, S.T., M.T.I.

Chairman, ICTIM 2026 Organizing Committee

Distinguished keynote speakers, esteemed colleagues, and participants joining us from every city, welcome to ICTIM 2026.

We gather at a remarkable inflection point. Technology is not simply accelerating; it is restructuring of how organizations think, how markets behave, and how knowledge is created and shared. It is precisely at moments like this that the scholar's discipline, rigorous, patient, evidence-driven, becomes most vital. Not to slow the current, but to give it direction.

ICTIM exists because we believe ideas matter. Not ideas as abstractions, but ideas tested through careful methodology, challenged through honest peer review, and refined through the kind of generous intellectual exchange that only a community of scholars can produce. Every paper in this program represents months, sometimes years, of that commitment. We honour it.

To our keynote speakers: your vision enlarges what we dare to imagine. To our authors: your courage to submit, revise, and persist is the engine of science. To every participant: your presence across time zones, across disciplines, across languages is itself a statement that knowledge has no borders.

Let us begin.

Dr. Yulius Denny Prabowo, S.T., M.T.I.

Chairman, ICTIM 2026 Organizing Committee



About ICTIM

The International Conference on Technology, Innovation and Management (ICTIM) is an annual premier academic gathering organized by Binus Online, Bina Nusantara University. ICTIM brings together scholars, practitioners, and industry leaders from around the world to exchange knowledge, share research findings, and explore emerging trends at the intersection of technology, innovation, and management.

In 2026, ICTIM enters a new chapter by hosting its conference in a fully virtual format, broadening participation and fostering global dialogue without geographic boundaries.

Conference Objectives

- Advance scholarly discourse in technology, innovation, and management.
- Provide a platform for researchers to present and publish peer-reviewed work.
- Foster collaboration between academia and industry.
- Promote interdisciplinary approaches to contemporary challenges.

Conference Scope

- Information Technology & Digital Transformation
- Innovation Management & Entrepreneurship
- Business Intelligence & Data Analytics
- Artificial Intelligence & Machine Learning Applications
- Sustainability & Technology Ethics
- E-Commerce & Digital Marketing

Organizing Committee

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Program at a Glance

Day 1 — Tuesday, 4 August 2026

Time (WIB / UTC+7)	Activity
08.00 – 08.30	Participant Registration & Virtual Lobby
08.30 – 09.00	Opening Ceremony
09.00 – 09.15	Welcome Remarks — Rector
09.15 – 09.30	Welcome Remarks — Vice Rector Research & Technology Transfer
09.30 – 09.45	Welcome Remarks — BINUS Online Director
09.45 – 10.00	Welcome Remarks — Chairman, ICTIM 2026
10.00 – 11.00	Keynote Session 1 — Netnapha Chamnisampan, Ph.D.
11.00 – 11.15	Q&A — Keynote 1
11.15 – 12.15	Keynote Session 2 — Sudip Wagle, Ph.D.
12.15 – 12.30	Q&A — Keynote 2
12.30 – 13.30	Break
13.30 – 15.00	Parallel Session 1 — Paper Presentations Room A-B-C-D-E-F
15.00 – 15.15	Break
15.15 – 16.15	Parallel Session 2 – Paper Presentations Room A-B-C-D-E-F
16.15 – 16.30	Closing Day-1



Day 2 — Wednesday, 5 August 2026

Time (WIB / UTC+7)	Activity
08.30 – 09.00	Day 2 Opening & Recap
09.00 – 10.00	Keynote Session 3 — Prof. Dr. Eng. Budi Prawara
10.00 – 10.15	Q&A — Keynote 3
10.15 – 10.30	Short Break
10.30 – 12.00	Parallel Session 3 – Room A-B-C-D-E-F
12.30 – 13.30	Break (Lunch / Prayer)
13.30 – 15.15	Parallel Session 4 – Room A-B-C-D-E-F
15.15 – 15.30	Break
15.30 – 16.00	Best Paper Award Announcement & Presentation
16.00 – 16.15	Closing Ceremony & Conference Close

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Please note, all conference participants are required to attend the entire series of conference events both in the main room and in each individual session.

Detailed Program — Day 1

Tuesday, 4 August 2026 | Virtual Platform

Time (WIB)	Detail
08.00 – 08.30	Participant Registration Virtual Lobby Open
08.30 – 09.00	Opening Ceremony National Anthem Prayer Opening Remarks
09.00 – 10.00	Welcome Remarks • Rector, Bina Nusantara University • Vice Rector Research & Technology Transfer, Bina Nusantara University • BINUS Online Director, Bina Nusantara University • Chairman, ICTIM 2026
10.00 – 11.00	Keynote Session 1 Speaker: Netnapha Chamnisampan, Ph.D. , Assistant Professor International Master Program in Smart Manufacturing and Applied Information Science National Chin-Yi University of Technology, Taiwan. Talk: [Strategic Decisions Under Competition: Insights from Digital Markets and Logistics Systems] Moderator: Pandu Dwi Luhur Pambudi, S.Kom., M.Kom., M.I.M
11.00 – 11.15	Q&A — Keynote Speaker 1
11.15 – 12.15	Keynote Session 2 Speaker: Sudip Wagle, Ph.D. , Assistant Professor of Management Tribhuvan University, Nepal. Talk: [Artificial Intelligence for Sustainable Innovation and Digital Transformation: Opportunities and Challenges for Emerging Economies] Moderator: Pandu Dwi Luhur Pambudi, S.Kom., M.Kom., M.I.M
12.15 – 12.30	Q&A — Keynote Speaker 2
12.30 – 13.30	Break (Lunch / Prayer)
13.30 – 15.00	Parallel Session 1 – Room A-B-C-D-E-F
15.00 – 15.15	Break
15.15 – 16.15	Parallel Session 2 – Room A-B-C-D-E-F
16.15 – 16.30	Closing Day-1

Please note, all conference participants are required to attend the entire series of conference events both in the main room and in each individual session.



Detailed Program — Day 2

Wednesday, 5 August 2026 | Virtual Platform

Time (WIB)	Detail
08.30 – 09.00	Day 2 Opening & Day 1 Recap Chairman, ICTIM 2026
09.00 – 10.00	Keynote Session 3 Speaker: Prof. Budi Prawara Head of the Research Organization for Electronics and Informatics National Research and Innovation Agency (BRIN), Indonesia. Talk: [Digital Sovereignty as the Core Enabler of National Innovation] Moderator: Pandu Dwi Luhur Pambudi, S.Kom., M.Kom., M.I.M
10.00 – 10.15	Q&A — Keynote Speaker 3
10.15 – 10.30	Short Break
10.30 – 12.00	Parallel Session 3 – Room A-B-C-D-E-F
12.30 – 13.30	Break (Lunch / Prayer)
13.30 – 15.15	Parallel Session 4 – Room A-B-C-D-E-F
15.15 – 15.30	Break
15.30 – 16.00	Best Paper Award Announcement & Presentation
16.00 – 16.15	Closing Ceremony & Conference Close

Please note, all conference participants are required to attend the entire series of conference events, both in the main room and in each individual session.

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Keynote Speaker 1



Netnapha Chamnisampan, Ph.D.

Assistant Professor

International Master Program in Smart Manufacturing and Applied Information Science National Chin-Yi University of Technology, Taiwan

Talk Title:

Strategic Decisions Under Competition: Insights from Digital Markets and Logistics Systems

Biography

Netnapha Chamnisampan, Ph.D is an Assistant Professor in the International Master Program in Smart Manufacturing and Applied Information Science at the College of Management, National Chin-Yi University of Technology, Taiwan. Recognized for her expertise in supply chain management, decision science, strategic competition, and sustainable production, her peer-reviewed research bridges advanced analytics and green operations, spanning hybrid deep learning models for environmental forecasting to game-theoretic approaches in cybersecurity. Dr. Chamnisampan delivers vital global perspectives on driving corporate and ecological sustainability by integrating cutting-edge data science with industrial strategy.

Keynote Speaker 2



Sudip Wagle, Ph.D.

Assistant Professor of Management
Tribhuvan University
Nepal

Talk Title:

Artificial Intelligence for Sustainable
Innovation and Digital Transformation:
Opportunities and Challenges for Emerging
Economies

Biography

Dr. Sudip Wagle, Ph.D is a Nepalese academic, researcher, and Assistant Professor of Management at Tribhuvan University, Nepal. With over 20 years of experience in teaching, research, and academic administration, he specializes in artificial intelligence adoption, digital transformation, sustainable innovation, finance, and corporate social responsibility. He earned his Ph.D. in Management and has authored numerous peer-reviewed journal articles, conference papers, and academic books. Dr. Wagle has served as a session chair, keynote resource person, and research leader in various national and international academic platforms. His current work focuses on leveraging emerging technologies to promote sustainable development and innovation in emerging economies.

Keynote Speaker 3



Prof. Dr. Eng. Budi Prawara

Head of the Research Organization for Electronics and Informatics National Research and Innovation Agency (BRIN), Indonesia

Talk Title:

Digital Sovereignty as the Core Enabler of National Innovation

Biography

Prof. Dr. Eng. Budi Prawara serves as the Head of the Research Organization for Electronics and Informatics at Indonesia's National Research and Innovation Agency (BRIN). An esteemed expert in materials, energy, and structural engineering with a Doctor of Engineering degree from The University of the Ryukyus, Japan, his career features pioneering contributions to advanced composite materials, autonomous systems, and digital transformations driven by artificial intelligence. Recognized for securing numerous technology licenses and spearheading critical national innovations, such as low-cost medical ventilators during the pandemic. Advancing AI Applications in Geospatial, IOT, Smart Cities, and Green Industry. His works integrates advanced technologies like AI and IoT into sustainable sectors and smart city developments in Indonesia. Prof. Prawara is a respected keynote speaker who offers vital insights into bridging cutting-edge scientific research, sustainable industrial applications, and technological sovereignty.

Paper Presentation List

Parallel Session I (13.30 – 15.00) — Day 1, 4 August 2026

ROOM A – Dr. Lianna Wijaya, A.Md., S.E., MMSI.

ICTIM-031	Does AI-Enabled Strategic Agility Influence ESG Performance through Green Innovation, Environmental Responsibility and Digital Leadership?
ICTIM-052	Electric Vehicle Adoption Resistance: Extending Innovation Resistance Theory with Informativeness and Country-of-Origin Effects
ICTIM-335	Integrating Capacity Building, Digital Capability, and HAICOLA for MSME Sustainability: An IPOO-Based Human-AI Collaborative Framework
ICTIM-337	Managing Subsidiaries for Sustainable Performance in the Era of Downstream Industrialization: A SWOT-AI and PESTLE-AI Analysis of PT Timah Tbk
ICTIM-369	Redesigning International Airports Through Passenger Insights: A Case Study Toward Passenger-Centered Airport Design in Indonesia

ROOM B – Viga Laksa Hardjanto, S.Kom., M.Cs.

ICTIM-007	Machine Learning Based Modeling of Rice Field Area in North Sumatra for Data Driven Agricultural Policy
ICTIM-035	UrbanGrow: AI-Based Crop Recommendation System to Optimize Urban Farming
ICTIM-162	Performance Comparison of Random Forest, XGBoost, and SVM for Classification of Data Center Energy Consumption
ICTIM-096	Big Data Analysis of Social Media Trends and Their Impact on Aesthetic Treatment Demand
ICTIM-343	Towards AI-Ready BSF Farming: IoT-Based Soil Humidity Monitoring for Data-Driven Breeding Management

Paralel Session I (13.30 – 15.00) — Day 1, 4 August 2026

ROOM C – Jullend Gatc, S.T., M.Kom.

ICTIM-189	Detecting Man-in-the-Middle Attacks in IoT Environment: A Performance and Resource Analysis of CNN, LSTM, and Hybrid IDS
ICTIM-205	YouTube Sentiment Analysis on Indonesia's Health Omnibus Law Using Support Vector Machine
ICTIM-206	Sentiment Analysis of New School Uniform Regulations on Twitter Using Naive Bayes Algorithm
ICTIM-262	A Multimodal Transformer with CLIP-Guided Inconsistency-Aware Fusion for Text and Image Sentiment Analysis
ICTIM-266	Explainable Deepfake Face Detection: Comparative Analysis of Grad-CAM and LIME Across CNN-based Models on FaceForensics++ Benchmark

ROOM D – Dr. Sophia Andini, B.Acc(Hons)., M.Ak.

ICTIM-038	Sustainability Accounting for Carbon Emissions, Energy Intensity, and Financial Performance in Deutsche Bahn
ICTIM-041	External Market Signals and Stock Returns in Indonesian Energy Firms: A Management Accounting View
ICTIM-340	Beyond Carbon Reduction: How Circular Economy and Green Innovation Shape Corporate Sustainability Performance?
ICTIM-105	Bridging Knowledge and Experience: Experiential Learning and Its Future Ai Integration
ICTIM-124	Artificial Intelligence in Traditional Culinary Business: A Study of Gyoza MSMEs in Malang

Parallel Session I (13.30 – 15.00) — Day 1, 4 August 2026

ROOM E – Dr. Dina Fitria Murad, S.Kom., M.Kom.

ICTIM-033	Project Execution and Coordination in ERP Billing Implementation: A Mixed-Methods Case Study
ICTIM-153	Tap-to-Learn Interaction Design in a Digital Picture Book for Early Childhood Environmental Literacy
ICTIM-296	Advancing Sustainable Consumption through HCI-Driven UI/UX Design in Digital Housing Platform
ICTIM-357	Integrating AI and Data-Driven Insights in IoT Smart Home Adoption: A Digital Transformation Perspective of Gen Z in Indonesia
ICTIM-086	The Impact of Deepfake Exposure on TikTok on Information Skepticism through Incidental Information among Generation Z

ROOM F – Olivia Oktariska Timbayo, S.T., M.Sc.

ICTIM-040	Evaluating Outpatient Clinic Performance Under Resource, Queue, and Arrival Configurations Using Discrete-Event Simulation
ICTIM-068	Lean DMAIC and SMED Implementation to Enhance Aerospace Component Production at PT XYZ West Java
ICTIM-069	Reinventing Cement Manufacturing through Engineering Innovation: Toward Sustainable and Circular Energy Systems
ICTIM-011	Optimizing CRM through AI and AR: A Case Study of Digital Marketing Transformation in SMEs Kedai Kopi Semangat
ICTIM-027	The Lone Wolf Innovation Paradox of Artificial Intelligence Anxiety Drives Digital Banking

Parallel Session 2 (15:15 – 16:15) — Day 1, 4 August 2026

ROOM A – Dr. Lianna Wijaya, A.Md., S.E., MMSI.

ICTIM-293	Artificial Intelligence-Assisted Pre-Development Design Validation Framework for Enterprise Operational Systems: A Project Management Perspective
ICTIM-013	Empowering Women Leaders: The Interplay of Resources, Resilience, Personal Mastery, and Self-Efficacy
ICTIM-048	User-Centric Evaluation of Personal Advisor: An Agentic Large Language Model Framework for SMEs

ROOM B – Viga Laksa Hardjanto, S.Kom., M.Cs.

ICTIM-054	8.51 MB is All You Need: High-Speed Adversarial Federated Learning for Global Diabetic Retinopathy Detection
ICTIM-183	Trust-Security Mediation and Education Moderation in Indonesian Digital Payment Adoption
ICTIM-049	Use of Artificial Intelligence for Production Quantity Analysis in a Manufacturing Company Using Historical Data

ROOM C – Jullend Gatc, S.T., M.Kom.

ICTIM-291	Integrating Generative AI into 3D Character Production: A Comparative Workflow Analysis and Hybrid Pipeline Framework.
ICTIM-118	Digital Transformation for Business Sustainability: Integrating Green Dynamic Capabilities and Green Innovation
ICTIM-271	Unmasking Deepfakes: A Multi-Architecture CNN Comparison with Compression Robustness and Grad-CAM Interpretability on FaceForensics++

ROOM D – Dr. Sophia Andini, B.Acc(Hons)., M.Ak.

ICTIM-222	AI-Augmented People Analytics: A Systematic Review of Practical Implementation
ICTIM-232	Explaining Individual Innovation Behavior Through Learning Agility and AI-Enabled Knowledge Sharing
ICTIM-214	A Human-Centric Explainable AI Governance Framework for Trustworthy Organizational Decision-Making in SME Financing

ROOM E – Dr. Dina Fitria Murad, S.Kom., M.Kom

ICTIM-156	Understanding Human-Centered GenAI Adoption in MSMEs: A Thematic Analysis
ICTIM-225	Enhancing Digital Healthcare Services Through User Experience Evaluation and Interface Redesign: Evidence from an Online Hospital Registration System
ICTIM-353	An Explainable AI-Driven Adaptive Learning Model for Real-Time Student Performance Prediction and Intervention

ROOM F – Olivia Oktariska Timbayo, S.T., M.Sc

ICTIM-074	Artificial Intelligence-Driven Competitive Advantage: The Role of ChatGPT in Micro, Small, and Medium Enterprise Content Marketing
ICTIM-104	Achieving Competitive Advantage: The Role of Digital Leadership and Digital Transformation in SMEs
ICTIM-036	AI-Driven Brand Positioning for MSMEs: The Role of Customer Insight Utilization in Enhancing Brand Effectiveness

Paper Presentation List

Parallel Session 3 (10.30 – 12.00) — Day 2, 5 August 2026

ROOM A – Dr. Lianna Wijaya, A.Md., S.E., MMSI.

ICTIM-249	Antecedents of Generation Z Job Hopping Intentions: Work Engagement, Career Development, and Organizational Support
ICTIM-256	Evaluating the Interplay Between Artificial Intelligence Capabilities and Employee Productivity in Indonesian E-Commerce Companies
ICTIM-318	Navigating AI-Driven Enterprises Through Digital Literacy: A Parallel Mediation Study
ICTIM-370	Digital Ripples in Small Economies: The Impact of MSME Digital Transformation on the Innovation-Led Economy through a Schumpeterian Economic Lens
ICTIM-014	Mapping Research Trends in Digital Transformation and the Application of Artificial Intelligence in Digital Marketing

ROOM B – Viga Laksa Hardjanto, S.Kom., M.Cs.

ICTIM-056	Hybrid Convolutional Neural Network And Machine Learning To Improve Classification Of Original And Synthetic Images
ICTIM-085	Safelend: Web-Based Default Prediction System for Online Lending Using Machine Learning Approach
ICTIM-230	Improving Transparency and Operational Efficiency in Food Assistance Distribution: Design and Evaluation of an Integrated Web–Mobile Information System
ICTIM-113	Hybrid Self-Supervised and Diffusion-Based Model for Long Gap Music Audio Restoration
ICTIM-130	Dual-Layer Triage Transformers for Scalable Zero-Shot Phishing Defense

Parallel Session 3 (10.30 – 12.00) — Day 2, 5 August 2026

ROOM C – Jullend Gatc, S.T., M.Kom.

ICTIM-295	Toward Inclusive and Accessible AI Systems: Comparative Evaluation of Cloud Infrastructure for Chatbot Automation
ICTIM-312	Cross-Modal Behavioural Coordination in Keystroke and Mouse Dynamics via Outlier Clipping for Fraud Detection
ICTIM-351	Enhancing Business Decision-Making Through Deep Learning Approaches for Time-Series Retail Demand Forecasting
ICTIM-358	Bilevel XGBoost and Q-Learning Constrained by Acuity for Emergency Department Room Allocation
ICTIM-212	Benchmarking YOLOv8 and Convolutional Neural Network for Toxic Mushroom Recognition Using Image-Based Deep Learning

ROOM D – Dr. Sophia Andini, B.Acc(Hons)., M.Ak.

ICTIM-103	Smart Manufacturing-Driven Lean Implementation: Improving Grinding Efficiency and Reducing Costs in Foundry Finishing Operations
ICTIM-117	Green Accounting, Green Innovation, and Carbon Emission Disclosure on Financial Performance: Business Strategy as a Mediator
ICTIM-211	An Empirical Study Between ESG Performance, Women on the Board of Directors, and Tax Aggressiveness in Southeast Asia
ICTIM-284	Corporate Drivers of ESG Disclosure in an Emerging Market Context: Evidence from Indonesia
ICTIM-260	Driving Sustainable Growth through ESG Disclosure, Green Innovation, and Technology Adoption: The Mediating Role of Profitability

Parallel Session 3 (10.30 – 12.00) — Day 2, 5 August 2026

ROOM E – Dr. Dina Fitria Murad, S.Kom., M.Kom

ICTIM-235	Factors Influencing Merchants' Behavioral Intention and Actual Use of QRIS Digital Payment in Indonesia
ICTIM-008	Parasocial Interaction with VTubers in Digital Media: Its Influence on Brand Attitude and Purchase Intention
ICTIM-023	Social Influence and Continuance Intention in Online Lending: The Role of Hedonic Motivation among Generation Z in Greater Jakarta
ICTIM-057	Why We Keep Using AI? A Study of Private University Students in Jabodetabek
ICTIM-078	The Illusion of Digital Inclusion: Ambivalent Sexism and Misogyny in VALORANT

ROOM F – Olivia Oktariska Timbayo, S.T., M.Sc

ICTIM-328	Optimizing the Performance of a 2400-Ton Injection Molding Machine Using the OEE and SMED Methods in the Plastic Manufacturing Industry
ICTIM-365	IoT-Based Smart Fermentation Monitoring and Decision Support System for Water Kefir Production
ICTIM-123	Design of a Multi-Layer Integrated Emergency Communication System for Disaster Response
ICTIM-302	Influence of Agency and Distributor Systems on Supply Chain Performance in Indonesia's Ice Cream Industry
ICTIM-331	Gen Z Impulsive Buying in Indonesian Tiktok Live Fashion: An SOR Perspective

Paper Presentation List

Parallel Session 4 (13.30 – 15.30) — Day 2, 5 August 2026

ROOM A – Dr. Lianna Wijaya, A.Md., S.E., MMSI.

ICTIM-186	The Role of Trust and Swift Guanxi in Enhancing Customer Engagement in Live Streaming Commerce
ICTIM-158	Modeling Purchase Intention Through Social Media Advertising, Perceived Value, Digital Review Credibility, and Customer Satisfaction
ICTIM-200	What Keeps Customers Loyal? The Hidden Role of Engagement, Personalization, and Service Automation
ICTIM-251	Predicting Students' Responsible Use of Generative AI in Higher Education: An Extended UTAUT–Stimulus–Organism–Response Model in Nepal
ICTIM-270	Willingness to Use AI, Product Innovation, and Brand Love in the Premium Home Appliance Industry
ICTIM-283	From Realism to Trust: Examining Consumer Responses to Augmented Reality Virtual Try-On in Fashion E-Commerce

ROOM B – Viga Laksa Hardjanto, S.Kom., M.Cs.

ICTIM-180	Dynamic Classifier Selection using Local Class Accuracy on Overlap Cleaned Heterogeneous Pool of Experts
ICTIM-332	Adoption of Augmented Reality Technology in Cosmetic Industry: A Modified UTAUT Model with Hedonic Motivation
ICTIM-350	Digital Marketing Signals and Purchase Intention in Online Florist Businesses
ICTIM-142	Scholarship Eligibility Profiling Using K-Means Clustering and Comparative Machine Learning Models
ICTIM-126	AI-Based Product Recommendations in the Beauty Industry: Their Role in Shaping Consumer Purchase Decisions
ICTIM-091	The Role of AI Media Systems and Audience Dependency in Shaping Self-Religious Guidance Behavior

Paper Presentation List

Parallel Session 4 (13.30 – 15.30) — Day 2, 5 August 2026

ROOM C – Jullend Gatc, S.T., M.Kom.

ICTIM-304	JAWARA: Three-Dimensional Web-Based Serious Game with Gamification and Artificial Intelligence for Javanese Language Learning
ICTIM-058	From Robot Service to Customer Emotion: An Empirical Study of Affective Pathways in Hotpot Dining
ICTIM-234	Adoption of Blockchain Consortium for Cost Accounting in The Production Division
ICTIM-018	Pet Master: A Gamification-Based Mobile Multiplayer Game for Cultural Awareness and Digital Cultural Diplomacy
ICTIM-290	Beyond Sensors: A Comparative Usability and Continuance Intention Study of Smartwatches
ICTIM-236	Usability Evaluation of PLN Mobile EV Charging Feature with SUS and UT Based on ISO 9241-11 Framework

ROOM D – Dr. Sophia Andini, B.Acc(Hons)., M.Ak.

ICTIM-169	Corporate Incentives and Transfer Pricing Strategies: Evidence from ASEAN-6 Manufacturing Companies
ICTIM-061	The Digital Compliance Paradox: Cognitive Accessibility, Surveillance Governance, and Taxpayer Compliance in Digital Tax Systems
ICTIM-077	The Paradox of Digital Tax Governance: Why Tax Understanding Reduces the Use of DJP Online Systems
ICTIM-275	The Influence of Digital Literacy, Data Security, and Coretax Public Perception on Tax Compliance of MSMEs in Indonesia
ICTIM-231	Examination of The Application of The Coretax Administration System (CTAS) Digital Tax Technology on The Efficiency and Effectiveness of Tax Revenue Collection Utilizing the UTAUT Model
ICTIM-099	Financial Stability of Rural Banks during the SAK EP Transition: Evidence from Expected Credit Loss Provisions and Non-Performing Loans

Paper Presentation List

Parallel Session 4 (13.30 – 15.30) — Day 2, 5 August 2026

ROOM E – Dr. Dina Fitria Murad, S.Kom., M.Kom.

ICTIM-120	AI-generated Historical Content on Youtube and Digital Trust Among Jabodetabek University Students
ICTIM-116	The Effects of Romantic TikTok Algorithmic Exposure on Generation-Z Relationship Expectations, Satisfaction, and Behavioral Intentions
ICTIM-131	How Social Comparison Encourages Impulsive Buying through Materialism among Indonesia Generation Z consumers
ICTIM-138	From Social Media Engagement to Digital Competitive Advantage: Findings on RANS Entertainment
ICTIM-213	Designing Pijar (Pintar Belajar) Application with AI-Based Question Bank Features for Learning at SMKN 26 Jakarta
ICTIM-287	Finswimming Athletes Identity Construction on TikTok and Instagram: An AI-Assisted Discourse Analysis of Short-Form Video Content with NVivo

ROOM F – Olivia Oktariska Timbayo, S.T., M.Sc.

ICTIM-286	Artificial Intelligence in Digital Storytelling: A Bibliometric Analysis of Research Trends and Future Research
ICTIM-316	Virtual Influencers: Effect on Anthropomorphism, Uncanniness, and Argument Quality on Brand Trust
ICTIM-300	Examining Digital Quality, Continuance Intention, and Customer Loyalty in Generation Z Coffee Shop Mobile Applications
ICTIM-323	Gender-AI Leapfrogging Framework: Women's Potential in Advanced AI Adoption in Indonesian Higher Education
ICTIM-111	Environmental Performance, CSR and Greenwashing: The Moderating Role of Financial Performance in Energy Companies

Online Platform Guide

Platform & Access

Item	Details
Main Webinar Link	Day 1 (4 Aug, 2026): https://binus.zoom.us/j/93292270110 Meeting ID: 932 9227 0110 Day 2 (5 Aug, 2026): https://binus.zoom.us/j/94834779033 Meeting ID: 948 3477 9033
Parallel Session Room Link	Day 1 (4 Aug, 2026): Room A https://binus.zoom.us/j/91918147231?pwd=3N94dEEhSqemxZErdaWBJRQl1gHqe.1 Meeting ID: 919 1814 7231 Passcode: 606946 Room B: https://binus.zoom.us/j/94038898273?pwd=s3Vumvj7juolLaP9pap3uZrohespyd.1 Meeting ID: 940 3889 8273 Passcode: 546940 Room C: https://binus.zoom.us/j/96878557694?pwd=Bsh5s6eklbN5s2nxji0dHnpaD9GmQ.1 Meeting ID: 968 7855 7694 Passcode: 038726 Room D: https://binus.zoom.us/j/98049741442?pwd=uNTmHOy9fmy1oA9vYaKP2IJW2ab74w.1 Meeting ID: 980 4974 1442 Passcode: 763904 Room E: https://binus.zoom.us/j/93826339350?pwd=4deD4lN8bcXQ03alQorl5cb5bUodF2.1 Meeting ID: 938 2633 9350 Passcode: 303192 Room F: https://binus.zoom.us/j/98938365947?pwd=bsLuul9PzbpAOFllcPntwtOBfbf9L2.1 Meeting ID: 989 3836 5947 Passcode: 952384

Item	Details
Parallel Session Room Link	Day 2 (5 Aug, 2026): Room A: https://binus.zoom.us/j/91918147231?pwd=3N94dEEhSqemxZErDiawBjRQl1gHqe.1 Meeting ID: 919 1814 7231 Passcode: 606946 Room B: https://binus.zoom.us/j/94038898273?pwd=s3Vumvj7juolLaP9pap3uZrohespyd.1 Meeting ID: 940 3889 8273 Passcode: 546940 Room C: https://binus.zoom.us/j/96878557694?pwd=Bsh5s6eklbN55s2nxjj0dHnpaD9GmQ.1 Meeting ID: 968 7855 7694 Passcode: 038726 Room D: https://binus.zoom.us/j/98049741442?pwd=uNTmHOy9fmy1oA9vYaKP2IJW2ab74w.1 Meeting ID: 980 4974 1442 Passcode: 763904 Room E: https://binus.zoom.us/j/93826339350?pwd=4deD4IN8bcXQ03alQorl5cb5bUodF2.1 Meeting ID: 938 2633 9350 Passcode: 303192 Room F: https://binus.zoom.us/j/98938365947?pwd=bsLuul9PzbpAOFllcPntwtOBfbf9L2.1 Meeting ID: 989 3836 5947 Passcode: 952384



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Technical Support Email	support-ictim2026@binus.ac.id

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Institutional Support

We are grateful to the leadership and administration of Bina Nusantara University and Binus Online for their unwavering support and resources provided throughout the planning process.

Scientific Committee & Reviewers

We acknowledge the invaluable contributions of our Scientific Committee members and peer reviewers whose rigorous evaluations have ensured the academic quality of this conference.

We welcoming you to ICTIM 2026 and hope this conference will serve as a meaningful platform for scholarly exchange and collaboration.

ICTIM 2026 Organizing Committee

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