



2026 8th International Symposium on COMPUTATIONAL AND BUSINESS INTELLIGENCE

2026

Bali Island, Indonesia | February 6-8, 2026

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Conference Report

Greetings

On behalf of the organizing committee, I would like to express our sincere gratitude for your support and contributions to our conference. ISCBI 2026 was successfully held in a hybrid online and offline format at Bali Island, Indonesia from February 6-8, 2026.

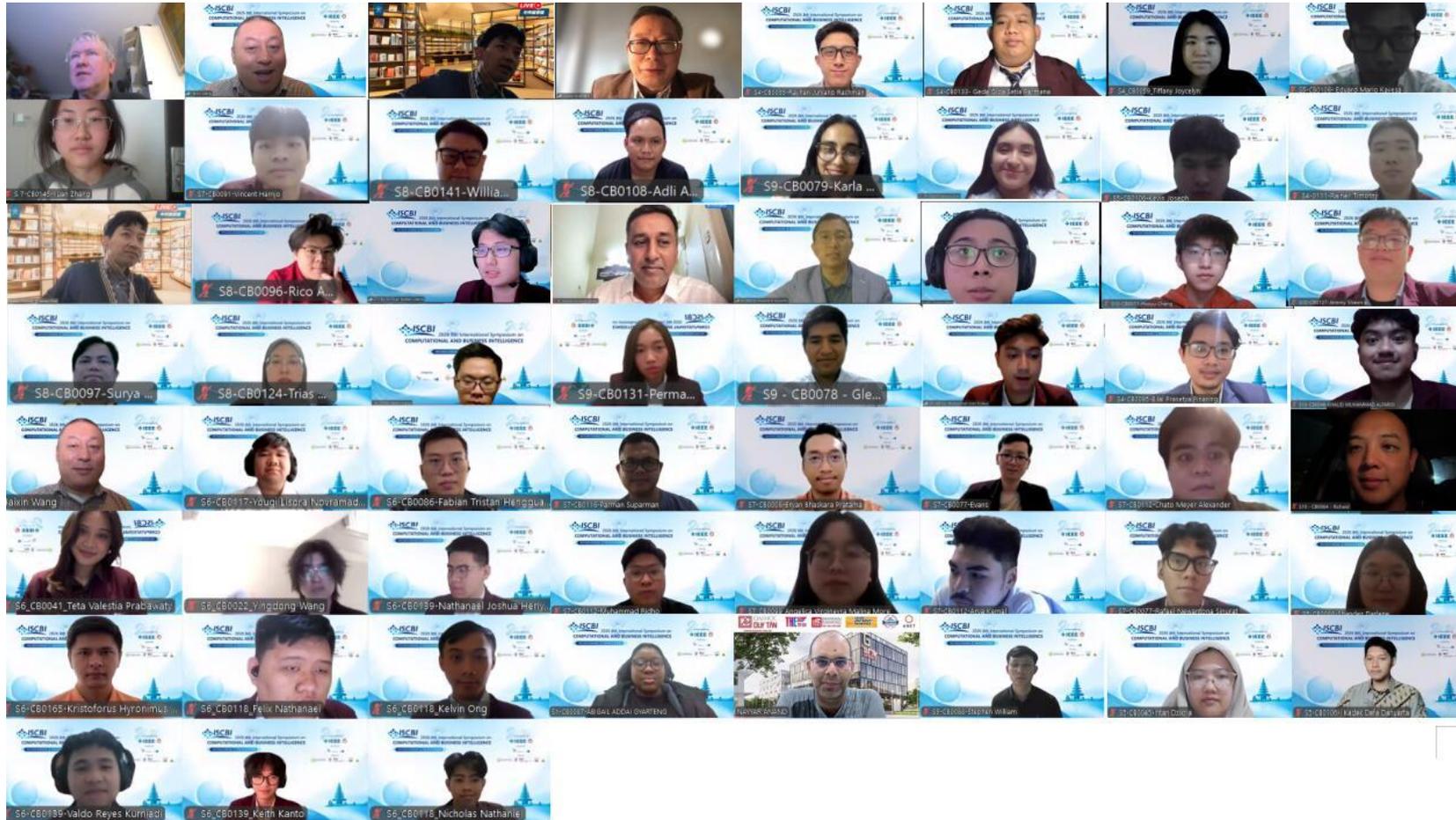
The conference commenced with an opening address by the General Chair, Prof. Ford Lumban Gaol from Bina Nusantara University, Indonesia. We were honored to host distinguished keynote speakers including Prof. Tokuro Matsuo from Advanced Institute of Industrial Technology, Japan, Prof. Jerome Yen from University of Macau, China and Prof. Thomas Hanne from University of Applied Sciences and Arts Northwestern Switzerland, Switzerland.

The conference program was further enriched by invited speeches delivered by Prof. Alessandro Lampo from University of Saint Joseph, China, Prof. Yu Zhao from Tokyo University of Science, Japan, Prof. Haixin Wang from Fort Valley State University, USA, Prof. Masateru Tsunoda from Kindai University, Japan and Prof. Daowen Qiu from Sun Yat-sen University, China. Throughout the event, participants engaged in dynamic presentations and productive academic exchanges that fostered meaningful collaborations.

Group Photo-Onsite



Group Photo-Online



Opening Remark



General Chair

Prof. Ford Lumban Gaol
Bina Nusantara University, Indonesia

Keynote Speech II

Speech title: Multimodal Data and LLM in Decision Support

Multimodal Data and LLM in Decision
Support

Jerome Yen
FST, University of Macau



Prof. Jerome Yen

University of Macau, China

Keynote Speech III

Speech title: Advanced Business Innovations based on Artificial Intelligence and Natural Language Processing

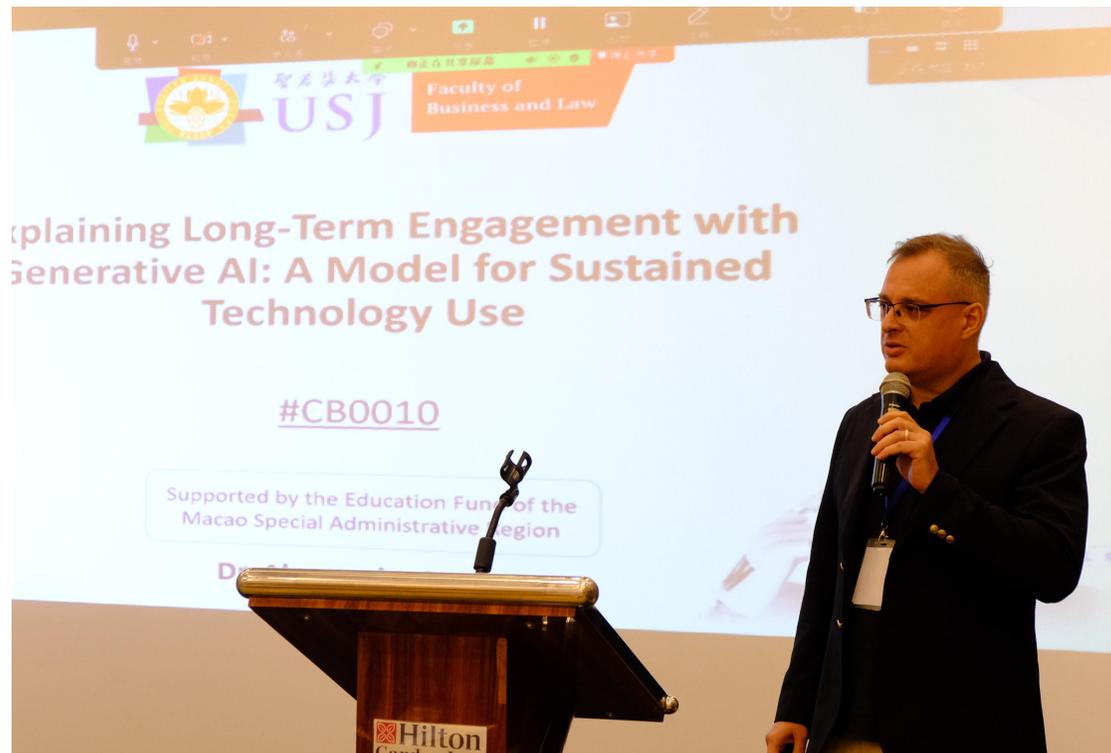


Prof. Thomas Hanne

University of Applied Sciences and Arts Northwestern Switzerland, Switzerland

Invited Speech I

Speech title: Explaining Long-Term Engagement with Generative AI: A Model for Sustained Technology Use



Prof. Alessandro Lampo
 University of Saint Joseph,
 Macao, China

Invited Speech II

Speech title: Integrating Explainable AI and Probabilistic Clustering for Consumer Segmentation Based on Life Satisfaction



Prof. Yu Zhao

Tokyo University of Science, Japan

Invited Speech III

Speech title: From Noise Reduction to Traits: Peach Leaf Image Analytics



Prof. Haixin Wang

Fort Valley State University, USA

Invited Speech IV

Speech title: How to select the best LLM for code generation: utilizing bandit algorithms

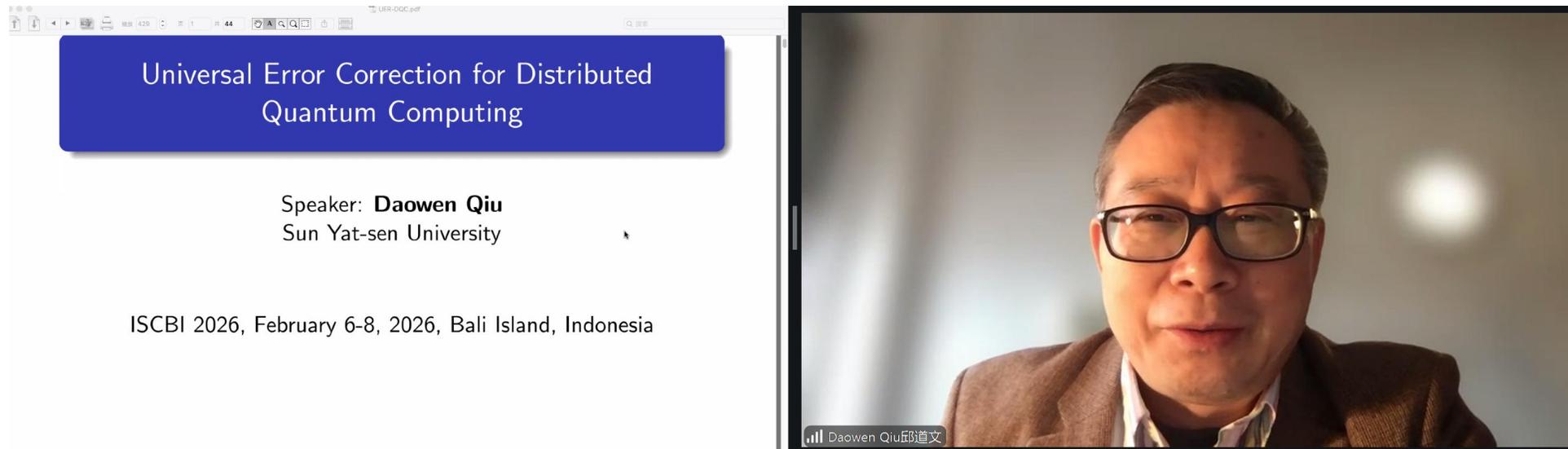


Prof. Masateru Tsunoda

Kindai University, Japan

Invited Speech V

Speech title: Universal Error Correction for Distributed Quantum Computing



The image shows a presentation slide on the left and a video feed of Prof. Daowen Qiu on the right. The slide has a blue header with the title 'Universal Error Correction for Distributed Quantum Computing'. Below the header, it lists the speaker as 'Daowen Qiu' from 'Sun Yat-sen University'. At the bottom of the slide, it says 'ISCBI 2026, February 6-8, 2026, Bali Island, Indonesia'. The video feed shows Prof. Qiu wearing glasses and a brown jacket, with a name tag at the bottom that reads 'Daowen Qiu 邱道文'.

Prof. Daowen Qiu

Sun Yat-sen University, China

Session 1

Topic: AI-based Multi-Agent Systems and Information Technology



Best Presentation: CB0166

Paper Title: A Hybrid Static Dynamic Analysis Framework Enhanced by Machine Learning for Comprehensive Code Smell Detection

Author(s): **L.S.K. Wijethunge**, M.N. Chandimali and K A Dilini T Kulawansa, University of Moratuwa, Sri Lanka

Session 2

Topic: Business Intelligence Analytics and Transaction Information Management

Best Presentation: CB0042-A

Paper Title: Design and Implementation of an International Covid-19 Vaccination Certificate with Secure Online Verification

Author (s) : Chalee Vorakulpipat¹, Soontorn Sirapaisan¹, Siriboon Chaisawat¹, Kajornsak Piyoungkorn¹, Apiwat Chantawibul¹ and Parinda Wattanasri²

1. NECTEC, Thailand

2. Department of Disease Control, Thailand



Session 3

Topic: The Key Role and Applications of Intelligent Decision Analysis in Market Economy Management



Best Presentation: CB0047

Paper Title: A Market Monitoring Framework for European Broadband using PPP-Adjusted Segmentation and Transition Tracking

Author (s) : Ivan Jajić, University of Zagreb, Croatia

Session 4

Topic: Machine Learning Models and Predictive Computing



Best Presentation: CB0035

Paper Title: Comparative Evaluation of Machine Learning and Transformer-Based Models for Financial Domain Sentiment Analysis

Author (s) : **Rayhan Juniano Rachman** and Eka Miranda, Bina Nusantara University, Indonesia

Session 5

Topic: Intelligent Image Detection and Computer Vision Analysis



Best Presentation: CB0106

Paper Title: Harnessing Transformer-Based Deep Learning for Online Discourse Classification in Indonesia: A Comparative Study of RoBERTa and IndoBERT Models

Author (s) : **Kevin Joseph Handoyo, Kristian Binsar Pardamean Pasaribu, I Kadek Defa Danuarta, Eduard Mario Kayesa and Yulyani Arifin, Bina Nusantara University, Indonesia**

Session 6

Topic: Applications of AI in Intelligent Business and Financial Systems



Best Presentation: CB0139

Paper Title: Humanizing the Machine: A Study of Chatbot Continuance Intention in the Indonesian Banking Sector

Author (s): Keith Kanto, Nathanael Joshua Heriyando, **Valdo Reyes Kurniadi** and Santy, Binus University, Indonesia

Session 7

Topic: E-commerce Intelligence and Intelligent Decision Making



Best Presentation: CB0091

Paper Title: Digital Marketing Factors Influencing Gen Z Consumer Behaviour in Indonesia's E-Commerce Market

Author(s): Vincent Harnjo and Stephanie Surja, Bina Nusantara University, Indonesia

Session 8

Topic: Computer Theory and Information Technology



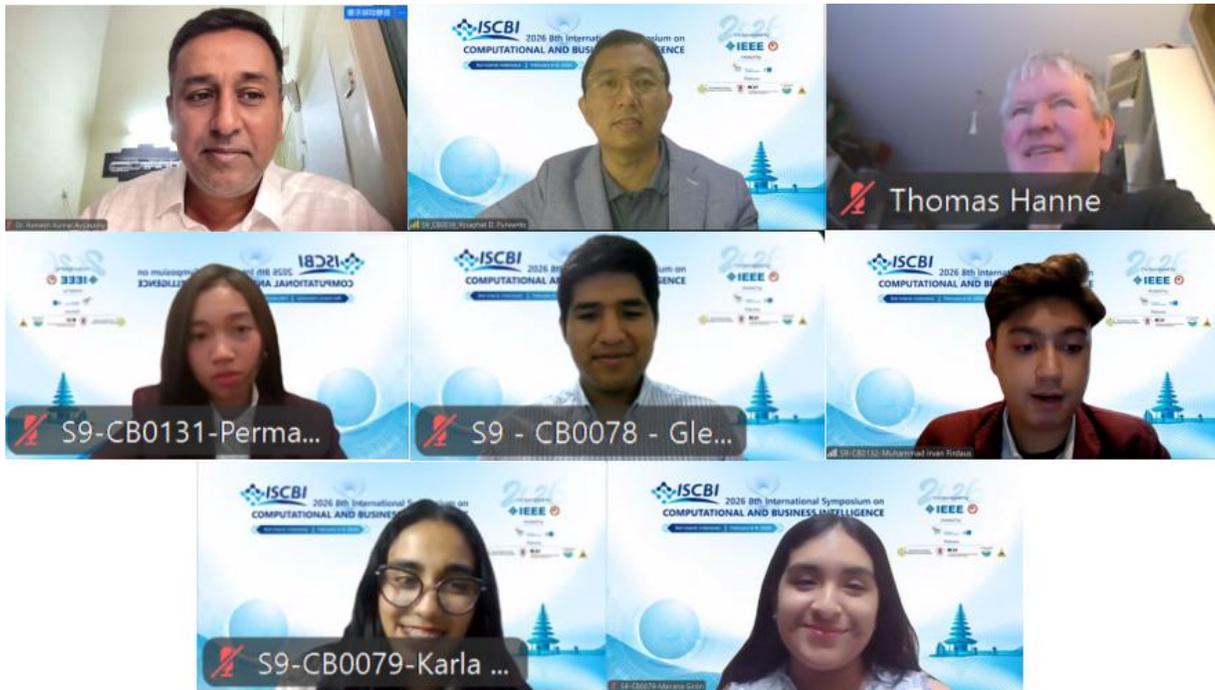
Best Presentation: CB0038

Paper Title: RankUplift: Ranking-Aware Two-Stage Learning for Optimal Targeted Interventions

Author (s): Kangyang Luo and Huanhuan Chen, University of Science and Technology of China, China

Session 9

Topic: Demand-Based Digital Retail and Dynamic Supply Chain Matching Strategies



Best Presentation: CB0079

Paper Title: Enhancing Resilience, Flexibility and Leagile: An empirical investigation in a Peruvian food supply chain company

Author (s) : Mariana Girón¹, Karla Soto¹, Edgar Ramos¹ and Victor Pimentel²

1. Peruvian University of Applied Sciences, Perú

2. New Mexico State University, USA

Session 10

Topic: Enterprise Digital Operations and Intelligent Management



Best Presentation: CB0064

Paper Title: Enhancing Task Logging and Quality Monitoring through Voice and AI-based Systems

Author (s): Cadelina Cassandra, Raden Muhammad Hadi Suryo Suharto, Indraajani Sutedja and **Richard Wiputra**, Bina Nusantara University, Indonesia



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Thank you!
See you next year!

