

The 16th TCU International e-learning Conference and The 4th International Conference on Educational Communications and Technology 2025

Transformative AI-Learning Ecosystems for Sustainable Futures: Innovations, Inclusivity, and Impact

IEC2025 x ICTAECT2025 x AIAT2025

Date: August 5 - 6, 2025

Location: Mayfair Ballroom (A,B), 11th floor, and The Lounge, 10th floor, The Berkeley Hotel Pratunam, Bangkok, Thailand: 559 Ratchaprarop Rd, Makkasan, Ratchathewi, Bangkok 10400, Thailand

Format: Hybrid Forum (Onsite/Online) and On verse

Organizers: Thailand Cyber University Project (TCU), Thailand Association for Educational Communications and Technology (ThaiAECT), and Artificial Intelligence Association of Thailand (AIAT)

Participants: (estimated) 700+ university leaders and teachers (300+ participants onsite and 550 online and onverse)

Language: All activities will be conducted in English and Thai

See Padlet for Q&A and photos of the event, please click [Here](#)

**** The agenda is subject to change based on circumstances on the day of the event. We appreciate your understanding and flexibility as we work to ensure a smooth and successful experience for all participants ****

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Appendix 1. Day 1 Schedule

August 5th, 2025.

Morning Session at Mayfair Ballroom

I. Opening Ceremony and Trend Report Moderator: Prof. Vorasuang (Michael) Duangchinda, Ph.D. Moderator: Ms. Koravick Thiangtham	
09:00-09:20	Welcome session and Trend Report By Assoc. Prof. Thapanee Thammetar , director of the Thailand Cyber University Project. By Assoc. Prof. Dr. Surapon Boonlue , President of ThaiAECT By Dr. Thepchai Supnithi , President of AIAT
09:20-09:55	Opening remark from the Inspector - General Mr. Wannee Nonsiri, Inspector - General, the Ministry of Higher Education Science Research and Innovation Thai MOOC Award Ceremony
09:55-10:00	Photo Session
III. Networking Break 10:00-10:30	
II. Keynote Speeches and Interactive Discussion Theme: Decoding the Future: Practical Innovations in AI for Learning Moderator: Prof. Vorasuang (Michael) Duangchinda, Ph.D.	
10:30-11:00	Keynote Speaker 1 (ThaiAECT): Dr. Tonia A. Dousay, President of AECT USA Topic: Reframing Innovation: Lessons from the Past and Policy Pathways for the Future of Digital Learning
11:00-11:30	Keynote speaker 2 TCU: Prof. Xiangen HU, DoIHERD, DoERC & Chair Professor of Learning Sciences and Technologies, The Hong Kong Polytechnic University. Topic: Educators in the Loop: Designing Inclusive, Impactful Futures with AI
11:30-12:00	Keynote speaker 3 (AIAT): Assoc. Prof. Vitomir Kovanović, Associate Director (Research Excellence), Centre for Change and Complexity in Learning (C3L), University of South Australia. Topic: Advancing the Adoption of GenAI in Education through Learning Analytics: Benefits, Challenges and Some Preliminary Findings
VI. Lunch Break 12:00–13:30	

August 5th, 2025.

Afternoon Session, at Mayfair Ballroom A (Thai MOOC room)

Thai MOOC Show and Share Session Moderator: Prof. Anuchai Theeraroungchaisri	
13:30-14:15	Prof. Yoshihiro OKADA , leader of Division of Next Generation Open Education Promotion (NOE), Data-Driven Innovation Initiative (DDI2) at Kyushu university, Fukuoka, Japan. Topic: Mixed reality environment workshop
14:15-15:00	Prof. Xiangen HU , DoIHERD, DoERC & Chair Professor of Learning Sciences and Technologies, The Hong Kong Polytechnic University. Topic: Educators in the Loop: Designing Inclusive, Impactful Futures with AI
15:00-15:30	Prof. Tsuneo Yamada , Professor, the Open University of Japan & Executive Board Member, 1EdTech Japan Society (Online) Topic: Cases and Use Cases of Educational Digital Ecosystems in Japan: Toward AI-enhanced Personalized Learning
15:30-16:30	Asst. Prof. Dr. Denpong Sudphakdee , Vice President for Digital Affairs, Khon Kaen University Topic: AI for work
16:30-17:00	Geely representatives Topic:

***** Break will be served in the room at 15:00*****

August 5th, 2025.

Afternoon Session, at Mayfair Ballroom B (AIAT)

Session Type/Title: Moderator: Dr. Thepchai Supnithi Asst. Prof. Rachasak Somyanonthanakul	
13:30-14:30	Workshop Interactive discussion: Assoc. Prof. Vitomir Kovanović, Associate Director (Research Excellence), Centre for Change and Complexity in Learning (C3L), University of South Australia. Topic:
14:30-14:45	Session Break
14:45-15:15	Presenter : (TBC AIAT) Topic: NerdAI and analytics (Thai Session)
15:15-15:45	Asst. Prof. Santhad Chuwongin , School of Integrated Innovative Technology, King Mongkut's Institute of Technology Ladkrabang. Topic: Enhancing Mosquito Classification through Self-Supervised Learning (Thai Session)
15:45-16:15	Dr. Saowaluck Kaewkamnerd , National Electronics and Computer Technology Center, Topic: LEAD (LEarning analytics for ADaptive education) project (Thai Session)
16.15.16.45	(TBC, AIAT) Topic: Super AI and Statistics Analysis (Thai Session)

August 5th, 2025.

Afternoon Session, at The Lounge on 10th floor (ThaiAECT)

Session Type/Title: Moderator: Assoc. Prof. Dr. Ophat Kaosaiyaporn	
13:30-14:00	Meeting with Dr. Tonia A. Dousay, President of AECT USA
14:00-14:15	Presenter 2: By Suwannee Thammarattthara, surapon boonlue.Thailand. (No.ICTAECT402) Topic: Developing a phenomenon-based learning model with digital learning companion. To promote commercial law competencies as entrepreneurs of vocational education students, certificate level.
14:15-14:30	Presenter 3: Ratasa Laohasurayodhin, Sirimonpak Suwannakhun and Sirawit Chaihang,Thailand, (No.ICTAECT403) Topic: The Effect of e-Sports of Analytical Thinking of undergraduate students of The Faculty of Education, Mahasarakham University.
14:30-14:45	Presenter 4: Min Zhang and Kanyarat Sriwisathiyakun, China. (No.ICTAECT404) Topic: Adapting Teacher Roles in the Age of Online Learning: A Study of Primary School Educators' Experiences in Beijing.
14:45-15:00	Presenter 5: Yaowaret Jantakat, Chomphak Jantakat and Pongpun Juntaku, Thailand. (ICTAE,CT405) Topic: Development of Team Working in Higher Education with Project-based Learning for Designing Research Framework of Geospatial Artificial Intelligence (GeoAI) to Manage Natural Resources and Environment.
15:00-15:15	Presenter 6: By Syazreen Nadia Sulaiman, Che Mohd Farhan Che Mat Dusuki, Ahmad Danial Azzahari, Mahfuzah Yusoff and Muhammad Farris Khyasudeen, Maiaysia. (No.ICTAECT406) Topic: ARChem: Augmented Reality Tool for Enhanced Visualization and Understanding of Atomic Structures in Pre-University Chemistry Education.

15:15-15:30	<p>Presenter 7:By Manee Nakanakupt and Anuchit Butkhunthong, Thailand. (No.ICTAECT417)</p> <p>Topic: Innovative Hybrid Peer-Teaching Learning Model using Interactive Video and Simulation to Promote Professional Self-Efficacy and Clinical Competence Among Nursing Students.</p>
15:30-15:45	<p>Presenter 8: By Wannasiri Thurapaeng and Anirut Satiman,Thailand. (No.ICTAECT411)</p> <p>Topic: Developing a Blended Instructional Model through Active Learning with Digital and AI Tools to Promote Digital and AI Competencies for Educational Innovation among Pre-service Teachers at Muban Chombueng Rajabhat University.</p>
15:45-16:00	<p>Presenter 9:By Apiradee Dechphongsumrit, Daruwan Srikaew, Sorakrich Maneewan, Vitsanu Nittayathamkul and Chacharin Lertyosbordin, Thailand. (No.ICTAECT408)</p> <p>Topic: Digital Game Developer Skills in the Generative AI Era: Research Trends.</p>
16:00-16:15	<p>Presenter 10:By Chanchai Yothasoot, Surapon Boonlue, Saranya Chuathong and Sutiwat Supaluk, Thailand. (No.ICTAECT409)</p> <p>Topic: The SVEI Model: A Concept for Enhancing Career Decision-Making Competency in Vocational Education Through an Integrated Immersive Technology Framework.</p>
16:15-16:30	<p>Presenter 11:By Panutchaya Kunpakdee and Santirat Nansaarng, Thailand. (No.ICTAECT412)</p> <p>Topic: Success in Transition: A Systematic Review of Multilevel Factors Influencing Industrial Vocational Students in Thailand's Shift to the New Industrial Era.</p>
16:30-17:00	Meeting with AECT president

***** Break will be served in the room at 15:00*****

Appendix 2. Day 2 Schedule

August 6th, 2025.

Morning Session at Mayfair Ballroom

I. Keynote Speeches (30 Minutes + 5 minutes QnA) Theme: More Than a Machine: Fostering Human Flourishing in an Technologies-Driven World Moderator: Prof. Vorasuang (Michael) Duangchinda, Ph.D. Ms.Koravick Thiangtham	
08:45-09:20	Keynote Speaker 1: Prof. Thomas Staubitz , Professor for Educational Technologies and Social Learning at German University of Digital Science Topic: Reimagining Education at Scale (Again): The MOOC-Driven Path to a Global Digital University
09:20-09:55	Keynote Speaker 2: Prof. Wang Daliang , School of Basic Medical Sciences, Tsinghua University Topic: Exploration and Practice of AI-Enabled Blended Teaching in Medical Courses
09:55-10:30	Keynote Speaker 3: Prof. Toru Iiyoshi , Kyoto University, JMOOC Director Topic: Envisioning AI-Enhanced Next-Generation MOOC: From Personalized Mastery Learning to Global Learning Collaboration
II. Tea Break 10:30-10:40	
10:40-11:20	Keynote speaker 4: Assoc. Prof. Bowon Papasratorn , Executive Director, Knowledge Network Institute of Thailand Topic: National Catalog and Micro Credential
11:20-12:00	Keynote speaker 5: Dr. Chanokporn Puapattanakun , Director - Center for Life-integrated Learning, Mahidol University and Ms. Supahrat Juramongkol , AI Skills Director, Microsoft Elevate, Microsoft (Thailand) Topic: AI Micro Credential Gen Ed /LLL
VI. Lunch Break 12:00–13:30	

August 6th, 2025.

Afternoon Session, at Mayfair Ballroom A (Thai MOOC room)

Thai MOOC Show and Share Session Moderator: Assoc. Prof. Dr. Phanin Nonthakhot, PhD (Economics) Faculty of Management Science, Uttaradit Rajabhat University Assoc. Prof. Dr. Kantaporn Yodchai , Faculty of Nursing, Prince of Songkla University, Thailand, Nursing Innovation and Health Association, Thailand.	
13:30-14:15	Ms. Sooji Lee , Researcher, Higher Education and Academic Division, KERIS, South Korea. Topic: Online Micro Credential Programs for ASEAN and Korea Higher Education: An Analysis Report of Survey
14:15-14:45	Prof. Yasushi Kodama , Hosei University, JMOOC Director and Prof. Kanako Yoshimine , Kyushu University, JMOOC International Collaboration WG Topic: The Current Status of AI-Driven Educational System in Japan
14:45-15:15	Prof. Virach Sornlertlamvanich , Musashino University, Japan Topic: Human Cognitive Load-Based Learning Content Generation Model (Co-Learning).
15:15-15:45	Asst. Prof. Dr. Kanyarat Sriwisathiyakun School of Industrial Education and Technology, King Mongkut's Institute of Technology Ladkrabang. Asst. Prof. Dr. Chawaporn Dhamanitayakul Faculty of Journalism and Mass Communication, Thammasat University. Topic: Enhancing Learning Opportunities for the Hearing-Impaired through Thai MOOCs
15:45-16:15	Asst.Prof. Surasak Kao-jean (Ph.D.) Chulalongkorn University Topic: กฎความสัมพันธ์ของรูปแบบการลงทะเบียนเรียนในระบบ Thai MOOC Association Rules of Enrollment Patterns on the Thai MOOC System Speake (Thai Session)
16:15-16:45	Assoc. Prof. Dr. Kantaporn Yodchai , Faculty of Nursing, Prince of Songkla University, Thailand, Nursing Innovation and Health Association, Thailand. Topic: Collaborative Development of Research-Based Online Nursing Lessons via ThaiMOOC: A National Model for Academic Integration and Innovation
Thai MOOC Enterprise Session continues Moderator:	

16:45-17:00	Associate Professor Anuchai Theeraroungchaisr. Prof. Vorasuang (Michael) Duangchinda, Ph.D. and Thai MOOC Team Topic:
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***** Break will be served in the room at 15:00*****

Afternoon Session, at “Boardroom” 11th floor. (Thai MOOC’ Invited only room)

Bridging MOOC Platforms: Developing a Shared Metadata Standard for Course Catalogs	
13:30-14:30	By Prof. Thomas Staubitz , Professor for Educational Technologies and Social Learning at German University of Digital Science, German. Topic:

August 6th, 2025.

Afternoon Session, at Mayfair Ballroom B (Thai MOOC)

Session Type/Title: Moderator: Dr. Thepchai Thapnithi/Assistant Professor Rachasak Somyanonthanakul	
13:30-13:45	Presenter 1: Topic:
13:45-14:00	Presenter 2: Coursera Topic:
14:00-14:15	Presenter 3: Topic:
14:14-14:30	Presenter 4: Topic:
14:30-15:45	Presenter 5: Topic:
15:45-16:00	Presenter 5: Topic:
16:00-16:15	Presenter 6: Topic:
16:15-16:30	Presenter 7: Topic:
16:30-16:45	Presenter 8: Topic:
16:45-17:00	

***** Break will be served in the room at 15:00*****

August 6th, 2025.

Afternoon Session, at The Lounge on 10th floor (ThaiAECT room)

Session Type/Title: Moderator: Associate Professor Dr. Sirirat Petchsangri	
13:30-14:00	Professor Dr.Prachyanun Nilsook, <i>King Mongkut's University of Technology North Bangkok, Thailand (ThaiAECT Past Presidents)</i> Professor Dr.Panita Wannapiroon, <i>King Mongkut's University of Technology North Bangkok, Thailand (ThaiAECT Executive Committee)</i> Associate Professor Dr.Surapon Boonlue, <i>King Mongkut's University of Technology Thonburi, Thailand (ThaiAECT President)</i>
14:00-14:15	Presenter 2: Supatra Suriwong and Anirut Stiman,Thailand. (No.ICTAECT410) Topic: The Development of a Blended Learning Model According to the Whole Language Approach Combined with Artificial Intelligence to Enhance the English Communication Skills of Grade 4 Students in Schools Under the Bangkok Metropolitan Administration.
14:15-14:30	Presenter 3: By Naruemon Saengduangkhae and Angkana Jaemsai, Thailand. (No.ICTAECT413)

	<p>Topic: Design and Development of Augmented Reality Learning Media on Economics in Daily Life.</p>
14:30-14:45	<p>Presenter 4:By Ruoqi Jiang and Poonsri Vate-U-Lan, China. (No.ICTAECT414)</p> <p>Topic: Generative Artificial Intelligence in the Global Classroom: Unpacking Perceptions and Relational Dynamics in Thai International Schools.</p>
14:45-15:00	<p>Presenter 5:By Dr. U. Ganesh Naidu, Boorla Asritha, Tirumalaraju Srujay, Dasari Rini Ruha and B. Sourav, India. (No.ICTAECT415)</p> <p>Topic: Warrant-Z:Digitalization of Warranty for Enhanced Efficiency and Customer Experience.</p>
15:00-15:15	<p>Presenter 6:By Jiajia Deng and Poonsri Vate-U-Lan, China. (No.ICTAECT416)</p> <p>Topic: Guidelines to Enhance eLearning Effectiveness for Teachers at Guangxi Modern Polytechnic College of Engineering.</p>
15:15-15:30	<p>Presenter 7 :By Kridsanapong Lertbumroongchai, Ruksarat Khanankhoaw, Vitsanu Nittayathamkul, Prachyanan Nilsook and Thakorn Yuvijit, Thailand. (No.ICTAECT407)</p> <p>Topic: The Digital PR Media via 360° VR System to Enhance Local Citizens' Public Perception: A Case Study of Thotsamintra Phirom Park.</p>
15:30-15:45	<p>Presenter 8:By Binghui Yang, Kanyarat Sriwisathiyakun and Sirirat Petsangsri, China, (No.ICTAECT418)</p> <p>Topic: Disciplinary Differences in Generative AI Adoption: A Comparative Study of Arts and Science Students in Chinese Universities.</p>
15:45-16:00	<p>Presenter 9: ByYilong Liang, Sirirat Petsangsri, Kanyarat Sriwisathiyakun and Weihui Lai, China, (No.ICTAECT419)</p> <p>Topic:THE EFFECTS OF MICRO-LEARNING WITH SIMULATED SCENARIO ON THE LEARNING ACHIEVEMENT AND MOTIVATION OF TELEMARKETING EMPLOYEES.</p>
16:00-16:15	<p>Presenter 10 : By Naphatsawan Supat, Thailand. (No.ICTAECT420)</p>

	Topic: The Journey of AI-Powered Virtual Speech in Enhancing Presentation Skills for University Students and Staff.
16:15-16:30	<p>Presenter 11 :By Supanut Hamawat, Poomrapee Somtrup,Natthaphath Sinsuebchuea , WonSeok Yang,Surapon Boonlue, Thailand.(No.ICTAECT401)</p> <p>Topic:Comparative Study of UI and Kansei Design in ThaiMOOC and JapanMOOC.</p>

***** Break will be served in the room at 15:00*****