

(Draft)
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

Table of contents

Appendix 1. Day 1 Schedule

Appendix 2. Day 2 Schedule

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-
09:10 | Opening report from Thailand Cyber University project (TCU)
By Assoc. Prof. Thapanee Thammetar, director of the Thailand Cyber University Project. |
| 09:10-
09:35 | Opening remark from the Inspector - General
Mr. Wannee Nonsiri, Inspector - General, the Ministry of |

Higher Education Science Research and Innovation

Thai MOOC Award Ceremony

- 09:35-09:45 **Welcome session and Trend Report from Thailand Association for Educational Communications and Technology (ThaiAECT)**
By Assoc. Prof. Dr. Surapon Boonlue, President of ThaiAECT
- 09:45-09:55 **Welcome session and Trend Report from Artificial Intelligence Association of Thailand (AIAT)**
By Dr. Thepchai Supnithi, President of AIAT
- 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 Thapnithi

Asst. Prof. Rachasak Somyanonthanakul

- 13:30- **Workshop Interactive discussion:** Assoc. Prof. Vitomir
14:30 Kovanović, Associate Director (Research Excellence),
Centre for Change and Complexity in Learning (C3L),
University of South Australia.
Topic:
- 14:30- Presenter: **(TBC)**
15:00 Topic: LEAD project
- 15:00- Presenter: **(TBC)**
15:30 Topic: CIRA core and education
- 15:30- Presenter: **(TBC)**
16:00 Topic: NerdAI and analytics
- 16:00- Presenter: **(TBC)**
16:30 SuperAI Engineer

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

August 5th, 2025.

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

Session Type/Title:

Moderator: Assoc. Prof. Dr. Ophat Kaosaiyaporn

- 13:30- Meeting with Dr. Tonia A. Dousay, President of AECT USA
14:00

- 14:00-14:15 Presenter 2: By Suwannee Thammaratthara, 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 on 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: Yaowareet 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, Malaysia.
(No. ICTAECT406)
Topic: ARChem: Augmented Reality Tool for Enhanced Visualization and Understanding of Atomic Structures in Pre-University Chemistry Education.
- 15:15-15:30 **Presenter 7:** By Manee Nakanakupt and Anuchit Butkhunthong, Thailand. (No. ICTAECT417)
Topic: Innovative Hybrid Peer-Teaching Learning Model using Interactive Video and Simulation to Promote Professional Self-Efficacy and Clinical Competence Among Nursing Students.

- 15:30-15:45 **Presenter 8:** By Wannasiri Thurapaeng and Anirut Satiman, Thailand. (No.ICTAECT411)
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.
- 15:45-16:00 **Presenter 9:** By Apiradee Dechphongsumrit, Daruwan Srikaew, Sorakrich Maneewan, Vitsanu Nittayathamkul and Chacharin Lertyosbordin, Thailand. (No.ICTAECT408)
Topic: Digital Game Developer Skills in the Generative AI Era: Research Trends.
- 16:00-16:15 **Presenter 10:** By Chanchai Yothasoot, Surapon Boonlue, Saranya Chuathong and Sutiwat Supaluk, Thailand. (No.ICTAECT409)
Topic: The SVEI Model: A Concept for Enhancing Career Decision-Making Competency in Vocational Education Through an Integrated Immersive Technology Framework.
- 16:15-16:30 **Presenter 11:** By Panutchaya Kunpakdee and Santirat Nansaarn, Thailand. (No.ICTAECT412)
Topic: Success in Transition: A Systematic Review of Multilevel Factors Influencing Industrial Vocational Students in Thailand's Shift to the New Industrial Era.
- 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-ian (Ph.D.)** Chulalongkorn University

Topic: กฎความสัมพันธ์ของรูปแบบการลงทะเบียนเรียนบนระบบ Thai MOOC Association Rules of Enrollment Patterns on the Thai MOOC System Speake (Thai Session)

16:15- **Assoc. Prof. Dr. Kantaporn Yodchai**, Faculty of Nursing,
16:45 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- Associate Professor Anuchai Theeraroungchaisr. Prof.
17:00 Vorasuang (Michael) Duangchinda, Ph.D. and Thai MOOC
Team
Topic:

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

Afternoon Session, at (Thai MOOC' Invited only room)

Bridging MOOC Platforms: Developing a Shared Metadata Standard for Course Catalogs

13:30- **By Prof. Thomas Staubitz**, Professor for Educational
14:30 Technologies and Social Learning at German University of
Digital Science, German.
Topic:

August 6th, 2025.

Afternoon Session, at Mayfair Ballroom B (AIAT)

Session Type/Title:

Moderator: **Dr. Thepchai Thapnithi/Assistant Professor Rachasak
Somyanonthanakul**

13:30- Presenter 1:
13:45 Topic:

13:45- Presenter 2:
14:00 Topic:

14:00-	Presenter 3:
14:15	Topic:
14:14-	Presenter 4:
14:30	Topic:
14:30-	Presenter 5:
15:45	Topic:
15:45-	Presenter 5:
16:00	Topic:
16:00-	Presenter 6:
16:15	Topic:
16:15-	Presenter 7:
16:30	Topic:
16:30-	Presenter 8:
16:45	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-	Professor Dr.Prachyanun Nilsook, <i>King Mongkut's University</i>
14:00	<i>of Technology North Bangkok, Thailand (ThaiAECT Past</i>
	<i>Presidents)</i>
	Professor Dr.Panita Wannapiroon, <i>King Mongkut's</i>
	<i>University of Technology North Bangkok, Thailand (ThaiAECT</i>
	<i>Executive Committee)</i>
	Associate Professor Dr.Surapon Boonlue, <i>King Mongkut's</i>
	<i>University of Technology Thonburi, Thailand (ThaiAECT</i>
	<i>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)
Topic: Design and Development of Augmented Reality Learning Media on Economics in Daily Life.
- 14:30-14:45 **Presenter 4:**By Ruoqi Jiang and Poonsri Vate-U-Lan, Chaina. (No.ICTAECT414)
Topic: Generative Artificial Intelligence in the Global Classroom: Unpacking Perceptions and Relational Dynamics in Thai International Schools.
- 14:45-15:00 **Presenter 5:**By Dr. U. Ganesh Naidu, Boorla Asritha, Tirumalaraju Srujay, Dasari Rini Ruha and B. Sourav, India. (No.ICTAECT415)
Topic: Warrant-Z:Digitalization of Warranty for Enhanced Efficiency and Customer Experience.
- 15:00-15:15 **Presenter 6:**By Jiajia Deng and Poonsri Vate-U-Lan, Chaina. (No.ICTAECT416)
Topic: Guidelines to Enhance eLearning Effectiveness for Teachers at Guangxi Modern Polytechnic College of Engineering.
- 15:15-15:30 **Presenter 7 :**By Kridsanapong Lertbumroongchai, Ruksarat Khanankhoaw, Vitsanu Nittayathamkul, Prachyanan Nilsook and Thakorn Yuvijit, Thailand. (No.ICTAECT407)
Topic: The Digital PR Media via 360° VR System to Enhance Local Citizens' Public Perception: A Case Study of Thotsamintra Phirom Park.
- 15:30-15:45 **Presenter 8:**By Binghui Yang, Kanyarat Sriwisathiyakun and Sirirat Petsangsri, China, (No.ICTAECT418)

Topic: Disciplinary Differences in Generative AI Adoption: A Comparative Study of Arts and Science Students in Chinese Universities.

15:45-
16:00 **Presenter 9:** ByYilong Liang, Sirirat Petsangsri, Kanyarat Sriwisathiyakun and Weihui Lai, China, (No.ICTAECT419)
Topic:THE EFFECTS OF MICRO-LEARNING WITH SIMULATED SCENARIO ON THE LEARNING ACHIEVEMENT AND MOTIVATION OF TELEMARKETING EMPLOYEES.

16:00-
16:15 **Presenter 10 :** By Naphatsawan Supat, Thailand.
(No.ICTAECT420)
Topic:The Journey of AI-Powered Virtual Speech in Enhancing Presentation Skills for University Students and Staff.

16:15-
16:30 **Presenter 11 :**By Supanut Hamawat, Poomrapee Somtrup,Natthaphath Sinsuebchuea , WonSeok Yang,Surapon Boonlue, Thailand.(No.ICTAECT401)
Topic:Comparative Study of UI and Kansei Design in ThaiMOOC and JapanMOOC.

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