

The poster features a dark blue background with a grid of glowing blue lines. The text is primarily in white and yellow. The top left contains the event title and theme. The top right has a large yellow box with 'REGISTRATION IS OPEN NOW!' and a deadline. The bottom left shows logos for SEAMEO, University of Tsukuba, and MEXT.

**12<sup>th</sup> SEAMEO - University of Tsukuba**  
**SYMPOSIUM**  
Theme: Challenges and Ways Forward  
in the Era of Generative AI with Reflection  
on 25 Years of 21<sup>st</sup> Century Education  
27-28 February 2024 | Online

**REGISTRATION IS OPEN NOW!**  
Submit your Registration before:  
**26 Feb 2024**

Logos: Southeast Asian Ministers of Education Organization, 筑波大学 University of Tsukuba, Supported by MEXT, MINISTRY OF EDUCATION, CULTURE, SPORTS, SCIENCE AND TECHNOLOGY

## Concept Note and Programme

### A. Background

Since its inception as an Affiliate Member of the Southeast Asian Ministers of Education Organization (SEAMEO) in 2009, the University of Tsukuba (UT) of Japan has been one of the most active Affiliate Members of SEAMEO. Through collaboration with the Center for Research on International Cooperation in Educational Development (CRICED) and Faculty of Education of UT, various teacher development programmes have been developed, particularly in Science, Mathematics, and Teacher Education, along with professional and student exchange programmes that have benefited teachers and students in Southeast Asia and beyond.

Over a period of ten years, the SEAMEO-UT Symposium has been organised annually with themes according to the needs of and emerging issues in teacher education between Japan and Southeast Asia. The 11<sup>th</sup> SEAMEO-UT Symposium, themed “Technology and Values-driven Transformation in Education”, was supported by the Ministry of Education, Culture, Sports, Science, and Technology (MEXT) Japan and successfully conducted on 20-22 February 2023 virtually. Over 19,800 educators participated through the SEAMEO Secretariat YouTube live. The overall viewership of the recorded videos over three days has so far reached approximately 45,000.

In response to the rapidly growing presence of generative AI in education, the SEAMEO Secretariat in collaboration with UT and supported by MEXT Japan will organise the **12<sup>th</sup> SEAMEO - University of Tsukuba Symposium on 27-28 February 2024.**

The 12<sup>th</sup> Symposium will address the needs of Japan and the Southeast Asian region via the timely theme of “**Challenges and Ways Forward in the Era of Generative AI with Reflection on 25 Years of 21<sup>st</sup> Century Education.**”

The 12<sup>th</sup> Symposium will be organised in hybrid mode, whereby some participants will be participating face-to-face at the UT campus in Japan, and others participate online through the SEAMEO Secretariat Youtube live stream.

## Programme-At-A-Glance

Time (GMT+9 Tsukuba, Japan)	27 Feb 2024	28 Feb 2024
AM	<ul style="list-style-type: none"><li>• Opening Ceremony</li><li>• Monitoring of AI's Impacts on Education</li><li>• Developing a Repository of AI Resources for Education</li></ul>	<ul style="list-style-type: none"><li>• Teacher Competencies and Standards in the age of AI</li><li>• Breakout One: Ensuring Effectiveness in Addressing School-level Challenges in the Age of AI</li></ul>
PM	<ul style="list-style-type: none"><li>• Adapting the Curriculum to the 21<sup>st</sup> Century</li><li>• Adapting Assessments to the 21<sup>st</sup> Century</li><li>• School Guidelines and Ethical Standards for the use of AI</li></ul>	<ul style="list-style-type: none"><li>• Mainstreaming and Sustaining the Concept of ESD</li><li>• Breakout Two: Enhancing Educators' Capacity Development with AI; SEA-Teacher Session</li><li>• Breakout Three: Infusing and Sustaining ESD within Educators; SEA-Teacher Session</li><li>• Closing</li></ul>

### B. Theme Description and Objectives

#### “Challenges and Ways Forward in the Era of Generative AI with Reflection on 25 Years of 21<sup>st</sup> Century Education”

The symposium seeks to provide a comprehensive platform for in-depth discussions on navigating the evolving landscape of education influenced by generative AI tools. While previous dialogues have emphasised the imperative for the usual suspects, such as ethical guidelines and upskilling of educators, this symposium aims to scrutinize the practical challenges associated with implementing these measures. By concentrating on both the national policy framework and the microcosm of individual schools, we aim to foster nuanced conversations on effective adaptation strategies. Participants will explore the complexities of integrating 21<sup>st</sup> century teaching and learning, including generative AI tools, into educational practices, addressing issues of accessibility, resource allocation, and the ethical considerations unique to educational settings. Ultimately, the symposium serves as a catalyst for generating actionable insights that can shape a responsive and sustainable approach to education in the era of generative AI.

The objectives of the Symposium are to:

- 1) Provide a platform to discuss practical challenges of and solutions to the presence of 21<sup>st</sup> century education, including the presence of generative AI in education;
- 2) Consolidate the recommendations, best practices, and ways forward.

### C. Participants

The symposium is open to university Presidents/Vice Presidents, Deans, Heads of Departments, Lecturers/Teachers, Researchers, Educators, and Ministry Officials from Southeast Asian countries, Japan, and beyond.

### D. Pre-Registration

The symposium is free of charge. However, pre-registration is required for all participants before **26 February 2024.**

#### Link and QR Code for Pre-Registration

<https://link.seameo.org/12SEAMEO-UT/RegisParticipants>



## E. Expected Outputs

- Consolidated presentations of speakers for the SEAMEO-UT Journal of Southeast Asian Education.
- A summary report of the symposium.
- SEAMEO-UT Journal 2024

## F. Full Paper Submission (Optional for Speakers)

The SEAMEO Secretariat and the University of Tsukuba plan to publish the paper presented at the Symposium in the Journal of Southeast Asian Education Issue 2024 Volume 1 which will be published by October 2024.

The speakers can submit the full paper of their presentation before 15 April 2024. For additional information on the full paper template, please contact Ms Chanika, SEAMEO Secretariat at her email: [chanika@seameo.org](mailto:chanika@seameo.org).

## G. Certificate

The e-Certificate will be provided and generated by the SEAMEO Secretariat as follows:

- “**Certificate of Appreciation**” will be provided to the Speakers.
- “**Certificate of Participation**” will be provided to all participants who attend the Symposium and complete the Certificate Validation and Assessment Form at the end of each day.

## H. Tentative Programme

**One link for joining all live sessions of the 12<sup>th</sup> SEAMEO-UT Symposium**

<https://link.seameo.org/12SEAMEO-UT/Live>



Date/Time (GMT +9)	Agenda
<b>DAY 1: Tuesday, 27 February 2024</b>	
09:30-10:00	Online speakers log in to the Zoom Meeting Link. Online participants access the SEAMEO YouTube Link
10:00-10:30	<b>Opening Ceremony</b> <ul style="list-style-type: none"><li>• Welcome Remarks by Dr Jun Ikeda, Vice President for global affairs, University of Tsukuba</li><li>• Remarks by Datuk Dr Habibah Abdul Rahim, Director, SEAMEO Secretariat</li><li>• Remarks by Mr Koji Kitayama, Deputy Assistant Minister / Director International Affairs Division, Minister's Secretariat, Ministry of Education, Culture, Sports, Science and Technology (MEXT) Japan</li><li>• Photo Session</li></ul> MC: Mr Garry Pawitandra Poluan, Learning Innovation and Information Specialist, SEAMEO Secretariat
10:30-11:30	<b>Session 1: Monitoring of AI's Impacts on Education</b> <ul style="list-style-type: none"><li>• Dr Kritsachai Somsaman, Centre Director, SEAMEO STEM-ED</li><li>• Assoc Prof Dr Thiradet Jiarasuksakun, President, The Institute for the Promotion of Teaching Science and Technology (IPST) (online)</li><li>• Dr Kelli M Hill, Director, Data Insights Group, Khan Academy (online)</li></ul>

	<ul style="list-style-type: none"> <li>• Q&amp;A</li> </ul> <p>Moderator: Mr Garry Pawitandra Poluan, Learning Innovation and Information Specialist, SEAMEO Secretariat</p>
11:30-12:30	<p><b>Session 2: Developing a Repository of AI Resources for Education</b></p> <ul style="list-style-type: none"> <li>• Ms Haani Mazari, Asia Lead, EdTech Hub</li> <li>• Dr Wahyudi, Centre Director, SEAMEO SEAMOLEC</li> <li>• Prof Dr Roberto Araya, Full Professor, University of Chile</li> <li>• Q&amp;A</li> </ul> <p>Moderator: Dr Kritsachai Somsaman, Centre Director, SEAMEO STEM-ED</p>
12:30-12:35	Announcements
12:35-13:35	Lunch break
13:35-14:35	<p><b>Session 3 (Open Discussion): Adapting the Curriculum to the 21<sup>st</sup> Century</b></p> <ul style="list-style-type: none"> <li>• Mr Reza Setiawan, Deputy Director for Programme, SEAMEO QITEP in Science</li> <li>• Dr Songheang Ai, SEAMEO TED Centre Director</li> <li>• Prof Masami Isoda, Director of CRICED, University of Tsukuba, Japan</li> <li>• Q&amp;A</li> </ul> <p>Moderator: Mr John Arnold Siena, Deputy Director for Programme and Development, SEAMEO Secretariat</p>
14:35-15:35	<p><b>Session 4: Adapting Assessments to the 21<sup>st</sup> Century</b></p> <ul style="list-style-type: none"> <li>• Dr Paryono, Deputy Director for Professional Affairs and Research Manager, SEAMEO VOCTECH (online)</li> <li>• Dr Sayed Yusoff Bin Sayed Hussain, Acting Centre Director, SEAMEO RECSAM</li> <li>• Dr Shitanshu Mishra, Chief of Digital Learning, AI and IT, UNESCO MGIEP (online)</li> <li>• Q&amp;A</li> </ul> <p>Moderator: Dr Kamaleswaran Jayarajah, Research, Evaluation, and Assessment Specialist, SEAMEO Secretariat</p>
15:35-15:50	Coffee break
15:50-16:50	<p><b>Session 5: School Guidelines and Ethical Standards for the Use of AI</b></p> <ul style="list-style-type: none"> <li>• Dr Sherlyne Acosta, Senior Education Specialist, SEAMEO INNOTECH</li> <li>• Dr Fengchun Miao, Chief, Unit for Technology and Artificial Intelligence in Education, UNESCO Headquarters, France [TBC]</li> <li>• Ms Antonia Mandry, Education Specialist, UNICEF EAPRO (online)</li> <li>• Q&amp;A</li> </ul> <p>Moderator: Ms Haani Mazari, Asia Lead, EdTech Hub</p>
16:50-17:00	Announcements on Day 2
17:30	Dinner Reception by UT for Invited Guests
<b>DAY 2: Wednesday, 28 February 2024</b>	
09:00-09:30	<p>Online speakers log in to the Zoom Meeting Link</p> <p>Online participants access the SEAMEO YouTube Link</p>
09:30-09:45	<p><b>MC Introduction</b></p> <p><b>Recap of Day 1</b></p> <p>by Mr John Arnold Siena, Deputy Director for Programme and Development, SEAMEO Secretariat</p>
09:45-10:45	<p><b>Session 6: Teacher Competencies and Standards in the Age of AI</b></p> <ul style="list-style-type: none"> <li>• Mr Pat Yongpradit, Lead, TeachAI; Chief Academic Officer, Code.org</li> </ul>

	<p>(online)</p> <ul style="list-style-type: none"> <li>• Dr Yu Lu, Director of Artificial Intelligence Lab, Beijing Normal University (online)</li> <li>• Mrs Bethanie Drake-Maples, Founder, Atypical AI; Fellow, Stanford Institute for Human Centered AI (online)</li> <li>• Q&amp;A</li> </ul> <p>Moderator: Dr Takahiro Morio, Bureau of Global Initiatives, University of Tsukuba</p>	
10:45-11:00	Coffee break	
11:00-11:10	<b>Introduction to Breakout One Session</b>	
11:10-12:10	<p><b>Breakout One: Ensuring National Effectiveness in Addressing School-level Challenges in the 21<sup>st</sup> Century</b></p> <p>Group A: Adapting the Learning Environment to Ensure the Prioritization of Higher Order Thinking Skills</p> <p>Facilitator: Ms Shizuko Umetsu, Assistant Professor, University of Tsukuba</p> <p>Group B: Assisting Educators in Accessing the Most Effective Tools for 21<sup>st</sup> Century Education</p> <p>Facilitator: Mr Frankie Randle, Connected Higher Education Specialist, UNHCR</p> <p>Group C: Maximizing Creativity among Learners and Teachers in the 21<sup>st</sup> Century</p> <p>Facilitator: Mr Kol Pheng Vaddhana, Undersecretary of State, Ministry of Education, Youth and Sport, Cambodia</p> <p>Group D - Online participants: Understanding Resistance to Change in Education</p> <p>Facilitator: Dr Kamaleswaran Jayarajah, Research, Evaluation, and Assessment Specialist, SEAMEO Secretariat</p>	
12:10-12:15	Announcements	
12:15-13:15	Lunch break	
13:15-14:15	<p><b>Session 7: Mainstreaming and Sustaining the Concept of Education for Sustainable Development (ESD)</b></p> <ul style="list-style-type: none"> <li>• MEXT speaker [TBC]</li> <li>• Ms Duriya Amatavivat, Centre Director, SEAMEO SEPS; Advisor for International Cooperation, Ministry of Education, Thailand (online)</li> <li>• Mr Purnomosidi, S Pd, M Si, School Principal, Al-Ya'Lu Superior Elementary School; 1st place winner of SEAMEO-Japan ESD Awardee Category I: Schools with more than 250 students (online)</li> <li>• Q&amp;A</li> </ul> <p>Moderator: Mr John Arnold Siena, Deputy Director for Programme and Development, SEAMEO Secretariat</p>	
14:15-14:25	<b>Introduction to Breakout Two Session / SEA-Teacher Session</b>	
14:25-15:10	<p><b>Breakout Two: Enhancing Educators' Capacity Development with AI</b></p> <p>Group A - SEAMEO's education cluster and on-site participants</p> <p>Facilitator: to be decided within the group</p> <p>Group B - SEAMEO's science and culture clusters and on-site participants</p> <p>Facilitator: to be decided within the group</p> <p>Group C - Online participants</p> <p>Facilitator: Dr Kamaleswaran Jayarajah, Research, Evaluation, and Assessment Specialist, SEAMEO Secretariat</p>	<p><b>Lessons learned from the SEA-Teacher programme with special focus on the pilot case in Japan (Part1)</b></p> <p>On-site, and interested online participants</p> <ul style="list-style-type: none"> <li>• Dr Nakao Nomura, Regional Director for Southeast Asia and Taiwan, Bureau of Global Initiatives, University of Tsukuba</li> <li>• Dr Yoshikazu Tatemoto, University of Tsukuba Affiliated Senior High School at Sakado</li> <li>• Mr Kenichi Yoshida, University of Tsukuba Affiliated Senior High</li> </ul>

		<p>School at Sakado</p> <ul style="list-style-type: none"> <li>• Dr Regidor Gaboy, Central Luzon State University</li> </ul> <p>Facilitator: Ms Nao Ishihara, CRICED Secretary-officer, Bureau of Global Initiatives, University of Tsukuba</p>
15:10-15:25	Coffee break	
15:25-16:10	<p><b>Breakout Three: Infusing and Sustaining ESD within Educators</b></p> <p>Group A - SEAMEO's education cluster and on-site participants</p> <p>Facilitator: to be decided within the group</p> <p>Group B - SEAMEO's science and culture centres and on-site participants</p> <p>Facilitator: to be decided within the group</p> <p>Group C - Online participants</p> <p>Facilitator: Mr John Arnold Siena, Deputy Director for Programme and Development, SEAMEO Secretariat</p>	<p><b>Lessons learned from the SEA-Teacher program with special focus on the pilot case in Japan (Part2)</b></p> <p>On-site, and interested online participants</p> <ul style="list-style-type: none"> <li>• Panel session among the inbound students to Japan</li> <li>• Panel session among the outbound students from Japan</li> <li>• QA session</li> </ul> <p>Facilitator: Ms Nao Ishihara, CRICED Secretary-officer, Bureau of Global Initiatives, University of Tsukuba</p>
16:10-16:30	<p><b>Closing Session</b></p> <ul style="list-style-type: none"> <li>• Way Forwards and Closing Message by Datuk Dr Habibah Abdul Rahim, Director, SEAMEO Secretariat</li> <li>• Closing Message by Prof Dr Masami Isoda, Director, CRICED, UT</li> </ul> <p>Announcements</p> <p>MC: Mr Garry Pawitandra Poluan, Learning Innovation and Information Specialist, SEAMEO Secretariat</p>	
End of the Programme		

## I. More Information

<https://link.seameo.org/12SEAMEO-UT>

## J. Focal Persons

- **Co-managed by SEAMEO Secretariat and CRICED, University of Tsukuba, Japan**

- SEAMEO Secretariat, Bangkok, Thailand:  
Datuk Dr Habibah Abdul Rahim, Director
- CRICED, University of Tsukuba, Japan  
Prof Dr Masami Isoda, Director, CRICED

- **Coordinators**

- SEAMEO Secretariat, Bangkok, Thailand:  
Mr Garry Pawitandra Poluan, Learning Innovation and Information Specialist  
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- CRICED, University of Tsukuba, Japan:  
Ms Nao Ishihara ([criced@un.tsukuba.ac.jp](mailto:criced@un.tsukuba.ac.jp))