



Certificate of Participation

Presented to

Nafiah Solikhah

Universitas Tarumanagara, Indonesia

for participation in the

SEAMEO CONGRESS 2021 (Virtual)

28 - 29 April 2021

H E Ms Treenuch Thienthong

Minister of Education

Thailand

Dr Ethel Agnes Pascua-Valenzuela

Director

SEAMEO Secretariat



Certificate Number : **SEAMEO/2021/04/SCV/P2000341**

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Transforming Southeast Asian Education, Science, and Culture in the Digital Age PROGRAMME



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Transforming Southeast Asian Education, Science, and Culture in the Digital Age



VIRTUAL CONFERENCE

Bangkok, Thailand
28–29 April 2021

Contents

Overview	1
Background	3
Objectives	5
Expected Outcomes	6
Participants	6
Themes, Subthemes, and Tracks	7
Subtheme #1: Reimagining People Transformation towards the SDGs	9
Subtheme #2: Building Back Better: Actions for Digital Transformation in the AI Era	10
Subtheme #3: Transforming Education in the Post-COVID-19 Era	11
Subtheme #4: The Sufficiency Economy Philosophy and the Society in the New Normal: Balancing Reforms to Achieve the SDGs	12
Subtheme #5: Southeast Asian Education Future Agendas	13
Subtheme #6: Transforming the Educational System to Achieve Quality and Excellence	14
Subtheme #7: Building a Future for the Alpha Generation	16
Subtheme #8: Post-COVID-19 Pandemic Reform and Innovation	18
Subtheme #9: STEM Education Design to Improve Workforce Quality	20

Programme	31
Programme of Activities	33
Venue and Contact Information	49
Venue	51
Contact Information	51
Co-Organisers and Partners	53
Acknowledgements	55
Host Organisations	55
Co-Organisers	55
Gold Partners.....	56
Silver Partners.....	56
Bronze Partners.....	56
Supporting Partners.....	57
SEAMEO Regional Centres and Network	59



1

OVERVIEW



Background

SEAMEO conducted the first SEAMEO Education Congress on 26–29 March 2001 with the theme “Challenges in the New Millennium.” Back then, the congress had around 400 participants, including teachers or educators and school administrators across all education levels, along with representatives of the education ministries of the SEAMEO member and associate member countries.

The second congress, meanwhile, was held on 27–29 May 2004 in partnership with the United Nations Educational, Scientific and Cultural Organization (UNESCO). Both the congress and the expo focused on the theme “Adapting to Changing Times and Needs.” It brought together 997 participants from 40 countries, including education decision-makers from all levels, academic researchers, educational practitioners, development agency staff members, nongovernmental organisation (NGO) specialists, and students.

In 2014, SEAMEO, in collaboration with the British Council and the Institute for the Promotion of Teaching Science Education (IPST) relaunched the SEAMEO Congress with the theme “Southeast Asia in Transition: Rethinking Education, Science, and Culture for Regional Integration.” The third congress was held on 21–22 October in Bangkok, Thailand, with 472 attendees.

Time passed, and in the beginning of 2020, major educational disruptions forced more than 1.5 billion learners worldwide and over 60.2 million teachers out of their classrooms due to the COVID-19 pandemic. In Southeast Asia alone, around 247 million learners shifted to online or flexible learning options to continue their studies from the comfort of their homes to comply with strict social distancing protocols and government-imposed lockdowns. The unprecedented case severely affected the education sector in the region and if anything is certain, it is that a new normal will result from the experience. The old way of learning has become untenable.

It is, however, undeniable that while the pandemic disrupted education, the school closures did usher in the era of distance and flexible learning among SEAMEO member countries. Given that, exchanging perspectives regarding current global issues that are likely to affect the region requires a platform so stakeholders can learn from one another and reach a consensus on how education, science, and culture transformation can effectively contribute towards promoting human development at the community, country, and regional levels.

Despite the increasing number of people who actively use technology daily, the importance of information and communication technology (ICT) was magnified due to community-wide lockdowns. It is, therefore, safe to assume that companies will consider ICT literacy an essential skill requirement for all employees, both existing and incoming. As such, today's students need to acquire ICT know-how and skills if they are to thrive and not just survive in the 21st century. To turn that aspiration into reality, education in Southeast Asian should consider making ICT training part of the so-called new normal. Educators and academic administrators should give students the knowledge, skills, and attitudes they need for the 21st century.

The Alpha Generation needs to be able to learn wherever and whenever by using and enjoying the countless ICT benefits to become resilient in the face of any threat. But the drawbacks and challenges in using ICT, apart from the health and mental hazards brought on by quarantines, need to be addressed. Issues such as data breaches, information theft, and social challenges like digital inequality, online propaganda, and radicalisation are just a few of these.

It is, therefore, fortunate that we are in the midst of Industry 4.0. We are ushering in a new era that further extends digitisation aided by disruptive technologies. Innovations such as AI and robots, virtual reality (VR), the Internet of Things (IoT), autonomous vehicles, 3D printing, nanotechnology, biotechnology, materials science, energy storage, and quantum computing are changing our lives, even the way we learn.

That is why during the Fourth Strategic Dialogue for Education Ministers (SDEM) held in 2019 in Kuala Lumpur, Malaysia, SEAMEO noted the technological advances brought on by Industry 4.0 to address the ensuing digital divide. The education ministers in attendance called for the transformation and acceleration of innovation. They believed that can be addressed by collaboration among the organisation's members and partners. To ensure that no learner gets left behind even as COVID-19 continues to hold the world hostage, they pushed for policies and programmes that can level the playing field in accordance with the SDGs.

The international community adopted the SDGs in 2015. SEAMEO is one with many other educational organisations in realising SDG 4, also known as "Education 2030," which calls for more equitable, inclusive, and better quality lifelong learning for all. In line with that, we launched the SEAMEO Education Agenda for 2015–2035, comprising seven priority areas each for education, science, and culture. These new agendas are aligned with SDG 4. But they will not be achievable without the cooperation of our member and associate member countries, affiliate members, and partners.



The ensuing pandemic pushed us to collaborate with the Ministry of Education of Thailand to convene SEAMEO Congress 2021 albeit virtually. It will serve as a platform for policymakers, teachers, researchers, and other stakeholders to share effective policies, fruitful teaching experiences, and new learning paradigms and practices that will prove useful in the digital age. Together, we hope the congress will again result in a regional commitment to ensure educational equity and provide opportunities for all in light of rapid and disruptive technological developments, hence the chosen theme, “Transforming Southeast Asian Education, Science, and Culture in the Digital Age.”

SEAMEO Congress 2021 aims to serve as a wisdom platform for educational stakeholders, both at the national and international levels, to reflect on how shared expertise can help enhance policymaking and support innovative teaching and learning paradigms to help students remain competitive while strengthening their values. It will also give the participants an opportunity to craft new learning paradigms where academic, social, and cultural virtues and values shape not only their characters but also strengthen their moral fibres. That way, they can successfully become part of a knowledge-based society and cope with emerging global demands and challenges.

Objectives

SEAMEO Congress 2021 has three primary goals, namely:

- To serve as a platform for conversations regarding innovations, breakthroughs, and best practices in education, science, and culture to achieve SDG 4 by 2030
- To examine the sustainable development, networking, and strategic collaboration platforms educational stakeholders in Southeast Asia and beyond use to enhance the quality and relevance of learning and ensure wider access to education in the region
- To reach a consensus to concretise transformative educational programmes and action plans to develop a dynamic synergy of strengths, strategies, and standards so more inclusive and innovative learning paradigms and education policies can be implemented to meet global standards

Expected Outcomes

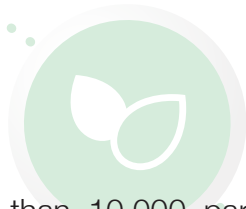


At the end of SEAMEO Congress 2021, we hope to come up with a regional plan of action that identifies transformative education pillars through extensive conversations and discussions among our partners, co-organisers, resource persons, experts, and participants.

SEAMEO Congress 2021 should help member countries cope with their rapidly changing environments by crafting common pathways so the Alpha Generation can get quality education that addresses global requirements. It should also strive to ensure that no one gets left behind in accordance with the mandates of the SDGs.

We also hope the regional plan of action that results from the congress contributes to achieving inclusive and equitable education for all. By 2030, SEAMEO envisions a region full of highly skilled workers and lifelong learners who harness the power of technology such as AI.

Participants



We expect more than 10,000 participants from various Southeast Asian countries and beyond to attend SEAMEO Congress 2021. The attendees include policymakers, academic leaders, teachers, researchers, school administrators, government agency staff members, and more. We invited moderators and speakers from outside Southeast Asia as well.



Themes, Subthemes, and Tracks

SEAMEO Congress 2021's theme is "Transforming Southeast Asian Education, Science, and Culture in the Digital Age." The event will begin with an opening ceremony featuring opening remarks from SEAMEO Secretariat Director Dr. Ethel Agnes P. Valenzuela, a welcome message from the Minister of Education of Thailand, H.E. Ms. Treenuch Thienthong, and a keynote address from the Senior Minister of Education of Malaysia and SEAMEO Council President H.E. Dr. Radzi Jidin.



The image displays the program for the SEAMEO Congress 2021 (Virtual) Opening Ceremony. At the top, the SEAMEO logo and the national emblems of Thailand and Malaysia are shown. The title "Opening Ceremony" is centered. Below this, the program is divided into three columns: "Opening Remarks" featuring Dr. Ethel Agnes Pascua-Valenzuela, SEAMEO Secretariat Director, Thailand; "Welcome Message" featuring H E Ms Treenuch Thienthong, Minister of Education, Thailand; and "Keynote Address" featuring H E Dr Radzi Jidin, Senior Minister of Education, Malaysia and SEAMEO Council President. The bottom section lists the co-organisers (UNESCO, SEAMEO), gold partners (NISAT Asia, WILEY), silver partners (ENJOY SCIENCE, EEF), and bronze partners (DepED, FESTO). The main title "SEAMEO CONGRESS 2021 (Virtual)" is prominently displayed, followed by the theme: "Transforming Southeast Asian Education, Science and Culture in the Digital Age".

Opening Ceremony

Opening Remarks	Welcome Message	Keynote Address
 Dr Ethel Agnes Pascua-Valenzuela SEAMEO Secretariat Director Thailand	 H E Ms Treenuch Thienthong Minister of Education, Thailand	 H E Dr Radzi Jidin Senior Minister of Education, Malaysia and SEAMEO Council President

SEAMEO CONGRESS 2021 (Virtual)
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age

A special ceremony will follow to launch two SEAMEO regional centres—the Regional Centre for Sufficiency Economy Philosophy for Sustainability (SEAMEO SEPS) and the Regional Centre for Science, Technology, Engineering and Mathematics Education (SEAMEO STEM-ED).



Nine subthemes for plenary sessions were chosen. Papers will be presented during each session and discussions will ensue afterwards. Learnings from each subtheme will be synthesised in the closing session.

Subtheme #1: Reimagining People Transformation towards the SDGs

Plenary Session

This session will feature inspiring presentations discussing how human resources can be transformed through social development programmes so they can help us achieve the SDGs. The speakers will highlight their thought processes and share their experiences, including their sources of inspiration.

Plenary Session 1 : Reimagining People Transformation Towards SDGs

Keynote Address:

Dr Stefania Giannini
Assistant Director-General for Education
UNESCO Headquarters
France

Moderator:

Ms Duriya Amatavivat
Senior Expert on International Cooperation
attached to the Office of the Permanent
Secretary for Education
Ministry of Education of Thailand

Panellists:

Mr Lee Ayo Chumpa
Founder of Akha Ama Coffee
Thailand

Dr Michelle Weise
Senior Adviser
Imaginable Futures, USA

Mr Mark Reid
Global Teacher Prize
Ambassador, Vancouver School
Board Career Programs, Canada

Mr Chor Meng Tan
Senior Director, Wiley Education
Asia, Singapore

Atty Maria Helen Dabu
Secretary-General, Asia South
Pacific Association for Basic
and Adult Education, Philippines

Dr Shima Barakat
Director, Entrepreneurship for
Sustainability, University of
Cambridge, United Kingdom

Co-organisers: UNESCO, SEAMEO

Gold Partners: nisa! Asia, WILEY

Silver Partners: ENJOY SCIENCE, EEF

Bronze Partners: DepED FESTO

SEAMEO CONGRESS 2021 (Virtual)
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age

Subtheme #2: Building Back Better: Actions for Digital Transformation in the AI Era

Plenary Session

This session aims to educate the participants about today's most disruptive technologies that are affecting education, science, and culture development amidst the digital age. The presenters will discuss ways to prepare learners to become capable and competent future workers. They will share their first-hand experiences on successfully exploring and adopting technologies for their business and academic endeavors.

Plenary Session 2 : Building Back Better: Actions for Digital Transformation in AI era

Keynote Addresses:

- **H E Mr Nadiem Anwar Makarim**
Minister of Education and Culture
Indonesia
- **Dr Robert Jenkins**
Chief
Education and Associate Director
UNICEF Headquarters, USA

Moderator:

- **Madam Maznah binti Abu Bakar**
Director, Educational Resources
and Technology Division
Ministry of Education, Malaysia

Panelists:

- **Dr Non Arkaraprasertkul**
Senior Experts
Smart City Promotion
DEPA
Thailand
- **Mr Chalermpon Punnotok**
Founder of CT Asia Robotic
Thailand
- **Dr Vijay Kumar**
Executive Director of J-WEL and
Associate Dean for Opening
Learning at MIT, USA
- **Dr Wang Libing**
Chief, Section for Educational
Innovation and Skills Development
and Head a.i. Executive Office
UNESCO Bangkok, Thailand

Co-organisers:  

Gold Partners:  **WILEY** 

Silver Partners:  

Bronze Partners: 

SEAMEO CONGRESS 2021 (Virtual)
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age

Subtheme #3: Transforming Education in the Post- COVID-19 Era

Plenary Session

This session will address educational challenges brought on by technological changes and the pandemic for the benefit of the Alpha Generation. The speakers will share their thoughts and experiences on reshaping education in the post-COVID-19 era to imbue students with the competencies they need to live amidst rapid changes and uncertain times in the next decade and beyond.



Plenary Session 3 : Transforming Education in the Post COVID-19 Era

Keynote Address:

Mr Shigeru Aoyagi
Director of UNESCO Bangkok
Thailand

Moderator:

Dr Ahmad Rafee bin Che Kassim
Deputy Director General of Education
Ministry of Education, Malaysia

Panellists:

Dr Sheldon Shaeffer
Chair, Board of Directors
Asia-Pacific Regional Network for
Early Childhood (ARNEC)
Singapore

Ms Sooinn Lee
CEO & Co-Founder
Enuma Inc, USA

Dr Kyosuke Nagata
President
University of Tsukuba
Japan

Prof Stephen Y L Cheung
President
The Education University of
Hong Kong
Hong Kong SAR

Dr Brajesh Panth
Chief of Education Sector Group
Sustainable Development and
Climate Change Dept
Asian Development Bank
Philippines

Dr Gabriel Cavalli
Director of the International
Centre for Teaching and
Learning, Queen Mary
University of London
United Kingdom

Co-organisers:  

Gold Partners:  

Silver Partners:  

Bronze Partners:  

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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age

Subtheme #4: The Sufficiency Economy Philosophy and the Society in the New Normal: Balancing Reforms to Achieve the SDGs

Plenary Session

This session will address the urgent need to increase the level of participation and citizen engagement in educational delivery and develop a more resilient educational system. The new normal will require balanced reforms, which need strong public-private partnerships (PPPs) and greater collaboration among stakeholders, to create long-term and sustainable results in education, science, and culture in Southeast Asia. Various sustainability issues such as climate change, sustainable higher education and technical and vocational education and training (TVET) institutions, and preserving cultural heritage will be discussed.



**Plenary Session 4 : Sufficiency Economy Philosophy and Society in the New Normal:
Balancing Reforms for Achieving the SDGs**

Keynote Address:

 **Dr. Priyanut Dharmapiya**
Executive Director,
Sustainable Development and
Sufficiency Economy Studies Centre,
National Institute of Development
Administration, Thailand

Moderator:

 **Mr. Sukich Udindu**
Centre Director
SEAMEO SEPS, Thailand

Panelists:

 **Dr. Suleeporn Bunbongkarn**
Director of Foreign Affairs Dept
Chaipattana Foundation, Thailand

 **Dr. Pumsaran Tongliemnak**
Educational Economics Specialist
Equitable Education Fund, Thailand

 **Mrs. Somlak Charoenpot**
Centre Director
SEAMEO SPAFA, Thailand

 **Dr. Benno Boer**
Programme Specialist
Natural Sciences Unit
UNESCO Bangkok, Thailand

 **Asst Prof Dr. Prapaporn Tivayonond**
Mongkhonvatt
Dean, School of Global Studies
Thammasat University, Thailand

 **Mr. Collin Jordan**
Head of Sustainability
Communications & Advocacy
Indorama Ventures PCL, Thailand

Co-organisers:   

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Silver Partners:  


Bronze Partners:  

SEAMEO CONGRESS 2021 (Virtual)
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age


Subtheme #5: Southeast Asian Education Future Agendas

Plenary Session

This session will focus on the making a brighter future for education in Southeast Asia by listening to what the youth actually need. The education ministers can then formulate strategies and programmes that address the evolving education landscape so SEAMEO and similar organisations can fulfill their regional and global educational commitments.




Plenary Session 5 : Southeast Asian Education and Future's Agenda Young Leaders Voices



Mr Phiyachon Phumwiphat
Grade 9 student of Gainesville
International School
Thailand



Ms Alamanda Shantika Santoso
Founder
Binar Academy
Indonesia



Mr Prim Paypon
Executive Director
Asian Institute of Management –
Dado Banatao Incubator (AIM-DBI)
Philippines


Moderator:



Dr Pompun Waitayangkoon
Centre Director
SEAMEO STEM-ED
Thailand

Co-organisers


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 **WILEY**


Silver Partners
 

Bronze Partners
 **FESTO**



SEAMEO CONGRESS 2021 (Virtual)

Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age





Plenary Session 5 : Southeast Asian Education and Future's Agenda Messages from the Ministers of Education of SEAMEO Member Countries



H E Dr Radzi Jidin
Senior Minister of Education and
SEAMEO Council President
Malaysia



H E Mr Lawrence Wong
Minister for Education and
SEAMEO Council Vice President
Singapore



**H E Dato Seri Setia Awang Hj
Hamzah bin Hj Sulaiman**
Minister of Education
Brunei Darussalam



H E Dr Hang Chuon Naron
Minister of Education
Youth and Sports
Cambodia



H E Mr Nadiem Makarim
Minister of Education
and Culture
Indonesia



H E Assoc Prof Dr Phout Simmalavong
Minister of Education and Sports
Lao PDR



H E Dr Leonor Magtolis-Briones
Secretary of Education
the Philippines



H E Ms Teeruch Thienthong
Minister of Education
Thailand



H E Dr Aminda Mala
Minister of Education
Youth and Sports
Timor-Leste



H E Assoc Prof Dr Nguyen Van Phuc
Deputy Minister of Education and
Training, Vietnam

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SEAMEO CONGRESS 2021 (Virtual)

Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Subtheme #6: Transforming Education for Quality Learning Outcomes

Parallel Sessions

These sessions will serve as forums for presenters to review policies, discuss matters, and share best practices in solving the knowledge and skills gap in Southeast Asia. They will also share strategies on tackling learning poverty and bridging the gap between today's skill development programmes and the manpower requirements of the new global market.

Parallel Session 1 : Transforming Education for Quality Learning Outcomes
Sub-Theme A: Transforming Education for Quality and Excellence

Speakers:

- Dr Manos Antoninis**
UNESCO Global Education Monitoring Report, France
- Dr Silvia Montoya**
Director
UNESCO Institute of Statistics (UIS)
Canada
- Mr Andreas Schleicher**
Director for Education and Skills
Organisation for Economic Co-operation and Development
France
- Dr Carlos Vargas Tamez**
Head of the Secretariat
UNESCO International Teacher Task Force, France
- Dr Fengchun Miao**
Chief
Unit for ICT in Education
UNESCO Headquarters
France

Moderator:

- Dr Wesley Teter**
Senior Consultant for EISD
UNESCO Bangkok, Thailand

Co-organisers: UNESCO, SEAMEO

Gold Partners: nisa Asia, WILEY

Silver Partners: ENJOY SCIENCE, EEF

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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age

Parallel Session 1 : Transforming Education for Quality Learning Outcomes Sub-Theme B: Empowering Teachers and Learners to Address Learning Poverty



Dr Krissanapong Kirtikara
Chairman, Princess Mana
Chakri Award Foundation
Thailand



Mr Francisco Benavides
Regional Education
Advisor, UNICEF EAPRO
Thailand



Ms Jarusri Jiravitkul
Senior Manager – Education
Kenan Foundation Asia
Thailand



Dr Darla K Deardorff
Executive Director Association
of International Education
Administrators (AIEA), USA



Mr Francis Jim Tusciano
Global Teacher Prize
Awardee
Philippines



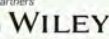
Moderator:

Dr Ho Thanh My Phuong
Centre Director
SEAMEO RETRAC, Vietnam

Co-organisers



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Bronze Partners



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Parallel Session 1 : Transforming Education for Quality Learning Outcomes Sub-Theme C: Health Literacy and School Nutrition: Eradicating Barriers to Learning



Ms Nicole Siegmund
Regional Fit for School
Programme, GIZ
Philippines



Mr Jim Ackers
Regional Education
Advisor, UNICEF ROSA
Nepal



Dr Muchtaruddin Mansyur
Centre Director
SEAMEO RECFFON
Indonesia



Prof Dr Ma Sandra B Tempungko
Deputy Coordinator
SEAMEO TROPED Network
Thailand



Ms Kyungah Kristy Bang
Programme Officer
UNESCO Bangkok, Thailand



Moderator:

Dr Jesus C Fernandez
Deputy Director for Programme
SEAMEO RECFFON
Indonesia

Co-organisers



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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Subtheme #7: Building a Future for the Alpha Generation

Parallel Sessions



Inequity and gender bias still exist even in the digital age. These sessions will serve as platforms to share and promote alternative education delivery modes such as using ICT, online learning, and electronic learning to introduce learners to digital classrooms and tackle gender and equity issues in the region.



Parallel Session 2: Building a Future for the Alpha Generation
Sub-Theme A: Addressing Inequality and Reengineering Education for the 21st Century

 Assoc Prof Dr Silinthone Sacklokham Director General Department of External Relations Ministry of Education and Sports Lao PDR	 Dr Diosdado M San Antonio Undersecretary for Curriculum and Instruction Department of Education Philippines	 Dr Sukit Limpijumnong President The Institute for Promotion of Teaching Science and Technology Thailand	 Dr Lim Cher Ping Chair Professor of Learning Technologies and Innovation Dept of Curriculum and Instruction The Education University of Hong Kong Hong Kong SAR	 Ms Lovelaine Basillote Director Philippine Business for Education, Philippines
Moderator:  Dr Zulhamsyah Imran Centre Director SEAMEO BIOTROP Indonesia				

Co-organisers:  

Gold Partners:  **WILEY**

Silver Partners:  

Bronze Partners:  **FESTO**

SEAMEO CONGRESS 2021 (Virtual)
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age





Parallel Session 2: Building a Future for the Alpha Generation

Sub-Theme B: GCED and ICT Skills: Life at Post-COVID-19



Dr Hyun Mook Lim
Director
UNESCO APCEIU
Korea



Mr Aaron Loh
Division Director
Educational Technology
Ministry of Education, Singapore



Mr Andrew Tein
Vice President
Global Government Affairs &
Bridge Education, Wiley
Singapore



Ms Jane Rexworthy
Executive Director
People 1st International
United Kingdom



Mr David Lester
Group Learning Services Director
Nisai Group
United Kingdom

Moderator:

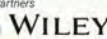


Dr Luh Anik Mayani
Centre Director
SEAMEO QITEP in Language
Indonesia

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Parallel Session 2: Building a Future for the Alpha Generation

Sub-Theme C: The Future of Work: Youth Skills in the Digital Age



Ms Rosanna A Urdaneta
Deputy Director General for Policies
and Planning, Technical Education and
Skills Development, Philippines



Ms Duong Phuong Anh
Global Partnership for
Education Youth Leader
Vietnam



Ms Jacqueline Dynowski
Director for BETT Asia
United Kingdom



Mrs Sarah Marshall
Head of Content
BETT Global
United Kingdom



Ms Aukun Tungatarova
Programme Officer
ICT in Education
Section for Inclusive Quality
Education
UNESCO Bangkok, Thailand



Mr Bilal Musharaf
Vice President of
Expansion
Noon Academy
Saudi Arabia

Moderator:



Dr Hanani binti Harun Rasit
Centre Director
SEAMEO SEN
Malaysia

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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Subtheme #8: Post-COVID-19 Pandemic Reform and Innovation

Parallel Sessions

The COVID-19 pandemic brought about unprecedented challenges and opportunities that dramatically changed the education landscape in Southeast Asia. These sessions will feature innovations that were introduced, magnified, and amplified to ensure that no learner gets left behind and learning continues despite challenges.

Parallel Session 3: Post COVID-19 Pandemic Reform and Innovation
Sub-Theme A: K to 12 Models and Educational Innovation

Speakers:

- Dr Sheryl Lyn C Monterola**
CISTEM, Philippines
- Dr Claudia M Urrea**
Senior Associate Director for pK-12
Abdul Latif Jameel World Education
Lab (J-WEL), Massachusetts Institute
of Technology (MIT), USA
- Dr Ben Schmidt**
Regional Director
Southeast Asia & Pacific
Cambridge Assessment
International Education, Singapore
- Ms Kelli List Wells**
STEM Leadership Alliance
USA

Moderator:

- Dr Shah Jahan bin Assanarkutty**
Centre Director
SEAMEO RECSAM

Co-organisers: UNESCO, SEAMEO

Gold Partners: nisa! Asia, WILEY

Silver Partners: ENJOY SCIENCE, EEF

Bronze Partners: DepED, FESTO

SEAMEO CONGRESS 2021 (Virtual)
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age

Parallel Session 3: Post COVID-19 Pandemic Reform and Innovation Sub-Theme B: TVET in the Fourth Industrial Revolution (IR 4.0)



Mr Jonathan Ledger
Global TVET Specialist
Department for International Trade
UK



Mr Alias bin Hj Abu Bakar
Centre Director
SEAMEO VOC TECH
Brunei Darussalam



Mr Ingo Imhoff
Director
GIZ RECOTVET, Vietnam



Dr Steve McKee
CEO, WorldDIDAC Asia
Indonesia



Dr Paristiyanti Nurwardani
Secretary
Directorate of Higher Education
Ministry of Education and Culture
Indonesia



Mr Volker Schmid
Director Asia Pacific
Festo Didactic SE
Germany

Moderator:

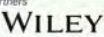


Dr Songheang Ai
Centre Director
SEAMEO TED
Cambodia

Co-organisers



Gold Partners



Silver Partners



Bronze Partners



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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Parallel Session 3: Post COVID-19 Pandemic Reform and Innovation Sub-Theme C: Transforming Higher Education in the Digital Era



Dr Melinda dela Pena Bandalaria
Chancellor and Professor
University of the Philippines
Open University, Philippines



Assoc Prof Dr Somporn Puttapitthakorn
Acting Vice-President for
Education and Learning Support
Sukhothai Thammathirat Open
University, Thailand



Dr Randall Martin
Executive Director
British Columbia Council
for International
Education, Canada



Ms Helen Chua Balderama
Associate Director
International Partnerships
and Programs
York University, Canada



Dr Dominique Schaeffel-Dunand
Academic Lead, Globally
Networked Learning Initiative
York University, Canada



Ms Sylvie Bonichon
Associate Expert for
EURASHE, Belgium

Moderator:

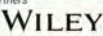


Asst Prof Dr Romyen Kosaikanont
Centre Director
SEAMEO RIHED
Thailand

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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Subtheme #9: STEM Education Design to Improve Workforce Quality

Parallel Sessions

The Alpha Generation needs to be equipped with skills and competencies to become future high-quality workers and responsible global citizens. That is achievable through providing quality science, technology, engineering, and mathematics (STEM) education using the design thinking process. These sessions will address issues regarding policy design for STEM workforces and share best practices on STEM teaching, along with innovations made to strengthen STEM education.



Parallel Session 4: STEM Education Design for Improving the Quality of the Workforce
Sub-Theme A: Policy Design for STEM Workforce

 **Prof Thomas Corcoran**
Columbia University, USA

 **Dr Kessara Amornvuthivorn**
SEAMEO STEM-ED, Thailand

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Co-organisers: UNESCO, SEAMEO
Gold Partners: nisa Asia, WILEY
Silver Partners: ENJOY SCIENCE, EEf
Bronze Partners: DepED, FESTO



Parallel Session 4: STEM Education Design for Improving the Quality of the Workforce Sub-Theme B: School Improvement to Strengthen STEM Education



Mr William Stroud
Columbia University, USA



Assoc Prof Dr Walisa Romsalyud
Sukhothai Thammathirat Open University
Thailand



Asst Prof Dr Pimpaka Prasertsilp
Sukhothai Thammathirat Open University
Thailand

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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Parallel Session 4: STEM Education Design for Improving the Quality of the Workforce Sub-Theme C: Interactive STEM Teaching Strategies



Dr John Stiles
Consultant
SEAMEO STEM-ED, Thailand



Prof Dr Edward Reeve
Utah State University, USA

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




Parallel Session 4: STEM Education Design for Improving the Quality of the Workforce
Sub-Theme D: Integrating STEM into the Science Curriculum through
Authentic Problem-based Learning Experiences





Dr Mark Windale
Senior Specialist
SEAMEO STEM-ED
Thailand



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Apart from the various plenary and parallel sessions, the hosts and co-organisers also invited several speakers from the SEAMEO regional centres for the benefit of the participants. Two marketplace sessions will follow.


SEAMEO Centres Presentation
On Transforming southeast Asian Education, Science and Culture in the Digital Era



Dr Luh Anik Mayani
Centre Director
SEAMEO QITEP in Language
Indonesia



Ms Susan Leong
Centre Director
SEAMEO RELC
Singapore



Dr Indrawati
Centre Director
SEAMEO QITEP in Science
Indonesia



Dr R Alpha Amirrachman
Centre Director
SEAMEO SEAMOLEC
Indonesia



Dr Sumardiyono
Centre Director
SEAMEO QITEP in
Mathematics
Indonesia



Dr Songheang Ai
Centre Director
SEAMEO TED
Cambodia

Moderator:



Dr Ramon C Bacani
Centre Director
SEAMEO INNTOECH
Philippines

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Market Place Session A: Partners Presentation

Part A1: Global Education Agenda	Part A2: Empowering Schools, Teachers and Students	Moderator:
 UNESCO UNESCO Bangkok Thailand UNESCO GEM Report France UNESCO ICHEI China UNESCO APCEIU Korea  unicef UNICEF Regional Office for East Asia and the Pacific Thailand Co-organisers:   	 SEAMEO SEPS Thailand WILEY John Wiley & Sons Singapore AKADASIA Singapore Gold Partners:  WILEY  nisaiAsia Nisai Group UK  EEF Equitable Education Fund (EEF) Thailand worlddidac ASSOCIATION WorldDIDAC Switzerland Silver Partners:  	Moderator:  Dr Glenn B Gregorio Centre Director SEAMEO SEARCA Philippines Bronze Partners:  FESTO

 **SEAMEO CONGRESS 2021 (Virtual)** 
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age


Market Place Session B: Partners Presentation

Part B1: Science and STEM Education	Part B2: TVET Collaboration and Initiatives	Part B3: Higher Education Initiatives
 STEM-ED SEAMEO STEM-ED Thailand   CHEVRON Enjoy Science Thailand  CISTEM The Center for Integrated STEM Education in the Philippines (CISTEM) Philippines  UNILAB FOUNDATION Philippines  IPST The Institute for the Promotion of Teaching and Technology (IPST) Thailand Co-organisers:   	FESTO FESTO Didactic SE Germany  GIZ GIZ/RECOTVET Vietnam BCCIE British Columbia Council for International Education (BCCIE) Canada Moderator:  Ms Piyapa Su-angavatin KM Manager SEAMEO Secretariat Thailand Gold Partners:  WILEY Silver Partners:  	 DUY TAN UNIVERSITY Duy Tan University Vietnam  PNU Philippine Normal University Philippines  UPOU University of the Philippines Open University (UPOU) Philippines  Universitas Terbuka Indonesia  University of Tsukuba Japan Bronze Partners:  FESTO

 **SEAMEO CONGRESS 2021 (Virtual)** 
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age

Speakers from various countries were also invited to present papers that will shed more light on transforming education, science, and culture in the digital age.



Teaching and Learning Innovation and Research
Session A: Teaching Innovation and Research in Mathematics



Prof Dr Masami Isoda
Director of CRICED
University of Tsukuba
Japan



Dr Ariel B Mabansag
Samar State University
Philippines



Ms Pastita Ayu Laksmiwati
SEAMEO QITEP in Mathematics
Indonesia



Ms Yoong Soo May
Sultan Idris Education University
Malaysia



Mr Albert Liego
Kalalake National High School
DepEd-Olongapo City
Philippines

Moderator:



Ms Cheanmaly Phonesavanh
Head of Administration Office
SEAMEO CED
Lao PDR

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Teaching and Learning Innovation and Research
Session B: Teaching Innovation and Research in TVET



Prof Dr Nakao Nomura
Regional Director of South East Asia
and Taiwan Offices
University of Tsukuba, Japan



Dr Adirek Vajrapatkul
Sukhothai Thammathirat Open
University, Thailand



Mr David Edward Jimenez
University of the Philippine
Philippines



Ms Finita Dewi
Universitas Pendidikan
Indonesia



Mr Jerick Temporal Gonzales
Naglaan National High School
Philippines

Moderator:



Dr Dwi Priyono
Centre Director
SEAMEO CECCEP, Indonesia

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Teaching and Learning Innovation and Research Session C: Research on Digital Learning



Prof Huang Ronghuai
Dean of Smart Learning Institute
Beijing Normal University, China



Mr Gino A Cabrera
Southern Luzon State
University, Philippines



Dr Romualdo Mabuan
Far Eastern University
Philippines



Dr Rhodora P Suarez-Crizaldo
College of Education
Cavite State University, Philippines



Ms Diane Dimapasok Lipat
University of Batangas
Philippines



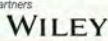
Moderator:

Dr Margarita Consolacion C Ballesteros
Director of International Cooperation Office
Department of Education, Philippines

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Teaching and Learning Innovation and Research Session D: Innovation and Research in Language Teaching



Ms Leah Joyce Quilang
Cauayan City National High School
Philippines



Ms Tracey Ang
SJK (C) Cheng Ming
Malaysia



Ms Bui Thi Xuan Linh
Vinh University of Technology Education
Vietnam



Mr Eryl A Garantuzza
Lumban National High School
Philippines



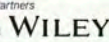
Moderator:

Mr Joselito G Florendo
Deputy Director
SEAMEO SEARCA
Philippines

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Teaching and Learning Innovation and Research

Session E : Research at Classroom and School Levels



Dr Russel Soltura
Quezon Science High School
Philippines



Mr Worrawit Nakpan
Sukhothai Thammathirat Open
University
Thailand



Mr Ronnie Tariman
Aleoan National High School
Philippines



Ms Ruby Ann D Jeremias
San Gabriel II Elementary School
Philippines



Dr Ma Victoria Castillo-Magayon
Taytay Senior High School
Philippines

Moderator:



Prof Dr Ma Sandra B Tempungko
Deputy Coordinator
SEAMEO TROPED Network
Thailand

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Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age







Teaching and Learning Innovation and Research

Session F: Teaching Innovation and Research in HEI and SEN



Dr Mildred M Crisostomo
Don Honorio Ventura State
University, Philippines



Dr Fernando D Palacio
Kyoto University, Japan



Dr Nikan Sadehvandi
Kyoto University, Japan



Prof Deanne Lynn Clouder
Institute for Global Education
Coventry University, United Kingdom



Dr Wulan Patria Saroinsong
Universitas Negeri Surabaya
Indonesia



Mr Ferdi Widiputera
Ministry of Education and
Culture, Indonesia

Moderator:



Dr Paryono
Deputy Director
SEAMEO VOCTECH, Brunei Darussalam

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Teaching and Learning Innovation and Research Session G: Teaching Innovation and Research in Science



Mr Eufemio D Adarayan Jr
Pambujan National High School
Philippines



Dr Joy Talens
De La Salle Lipa
Philippines



Mr Ronaldo C Reyes
DepEd SDO Tabaco
Philippines



Ms Faith Micah D Abenes
Rizal Technological University
Philippines



Mr Lukman Nulhakim
SEAMEO QITEP in Science
Indonesia



Moderator:

Mr Khau Huu Phuoc
Research and Training Manager
SEAMEO CELL
Vietnam

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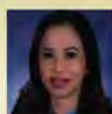
Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Teaching and Learning Innovation and Research Session H: Research on Digital Learning



Mrs Lemmuella Kurniawati
Universitas Kristen Duta Wacana
Indonesia



Ms Maily R Ugali
Professional Regulation Commission
Regional Office III
Philippines



Dr Maria Theresa B Markines
Northern Bukidnon State College
Philippines



Dr Edith A Lindog
Lipa City Senior High School
Philippines



Ms Esra Nelvi M Siagian
SEAMEO QITEP in Language
Indonesia



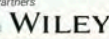
Moderator:

Mr Reza Setiawan
Deputy Director for Programme
SEAMEO QITEP in Science
Indonesia

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Teaching and Learning Innovation and Research Session I: Innovation and Research in Teaching STE(A)M



Mr Daniel Obst
AFS Intercultural Programs,
USA



Ms Ratih Ayu Apsari
Universitas Mataram,
Indonesia



Dr Chokchai Yuenyong
Khon Kaen University
Thailand



Ms Pairoh Sohsomboon
Khon Kaen University
Thailand



Ms Russasmita Sri Padmi
SEAMEO QITEP in Mathematics,
Indonesia

Moderator:

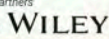


Dr Sumardiyono
Centre Director
SEAMEO QITEP in Mathematics
Indonesia

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Teaching and Learning Innovation and Research Session J: Research at Classroom and School Levels



Ms Estrella O Simon
First City Providential College,
Philippines



Ms Nefrijanti Sutikno
Yayasan Pusat Kemandirian
Anak, Indonesia



Mr Pornchai Chinnasa
Khon Kaen University
Thailand



Mr Brian Adams V Bugarin
Don Mariano Marcos Memorial
State University, Philippines



Dr Milano O Torres
Bicol State College of Applied
Sciences and Technology,
Philippines

Moderator:



Dr Mariam binti Othman
Deputy Director of R&D
SEAMEO RECSAM, Malaysia

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SEAMEO CONGRESS 2021 (Virtual)

Theme : Transforming Southeast Asian Education, Science and Culture in the Digital Age



Consolidated



2

PROGRAMME



Programme of Activities

The detailed programme of activities for the two-day virtual SEAMEO Congress 2021 is presented below.

Day 1: 28 April 2021 (Wednesday)	
09:00–10:00	<p>OPENING CEREMONY</p> <p>Opening Remarks Dr. Ethel Agnes P. Valenzuela, SEAMEO Secretariat Director</p> <p>Welcome Message H.E. Ms. Treenuch Thienthong, Minister of Education of Thailand</p> <p>Keynote Address H.E. Dr. Radzi Jidin, Senior Minister of Education of Malaysia and SEAMEO Council President</p> <p>Virtual Launch of SEAMEO SEPS and SEAMEO STEM-ED Leader: H.E. Ms. Treenuch Thienthong, Minister of Education of Thailand Emcee: Ms. Kochakorn Khattapan Acidre, Foreign Relations Officer, Bureau of International Cooperation, Ministry of Education of Thailand</p>
10:00–10:15	<p>Coffee/Tea Break Video showing: SEAMEO and partners</p>
10:15–11:30	<p>PLENARY SESSION 1</p> <p>Theme: Reimagining People Transformation towards the SDGs</p> <p>Keynote Address Dr. Stefania Giannini, Assistant Director-General for Education, UNESCO Headquarters, France</p> <p>Panelists</p> <ul style="list-style-type: none"> Mr. Lee Ayu Chuepa, Founder, Akha Ama Coffee, Thailand

Day 1: 28 April 2021 (Wednesday)

10:15–11:30	<ul style="list-style-type: none"> • Dr. Michelle Weise, Senior Adviser, Imaginable Futures, U.S. • Mr. Mark Reid, Global Teacher Prize Ambassador, Vancouver School Board Career Programs, Canada • Mr. Chor Meng Tan, Senior Director, Wiley Education Asia, Singapore • Atty. Maria Helen Dabu, Secretary-General, Asia South Pacific Association for Basic and Adult Education, Philippines • Dr. Shima Barakat, Director, Entrepreneurship for Sustainability, University of Cambridge, U.K. <p>Moderator: Ms. Duriya Amatavivat, Senior Expert on International Cooperation, Ministry of Education, Thailand</p>
11:30–12:30	<p>PLENARY SESSION 2</p> <p>Theme: Building Back Better: Actions for Digital Transformation in the AI Era</p> <p>Keynote Addresses</p> <ul style="list-style-type: none"> • H.E. Mr. Nadiem Anwar Makarim, Minister of Education and Culture, Indonesia • Dr Robert Jenkins, Chief, Education and Associate Director, UNICEF Headquarters, U.S. <p>Panelists</p> <ul style="list-style-type: none"> • Dr. Non Arkaraprasertkul, Senior Expert, Smart City Promotion, Digital Economy Promotion Agency, Thailand • Dr. Chalermpon Punnotok, Founder, CT Asia Robotics, Thailand • Dr. Vijay Kumar, Executive Director, Jameel World Education Lab and Associate Dean for Opening Learning at the Massachusetts Institute of Technology, U.S. • Dr. Wang Libing, Chief, Section for Educational Innovation and Skills Development and Head of the Executive Office, UNESCO Bangkok, Thailand <p>Moderator: Madam Maznah binti Abu Bakar, Director, Educational Resources and Technology Division, Ministry of Education, Malaysia</p>
12:30–13:30	Lunch Break

Day 1: 28 April 2021 (Wednesday)

13:30–15:00	<p>PARALLEL SESSION 1</p> <p>Theme: Transforming Education for Quality Learning Outcomes</p> <p><i>Subtheme A: Transforming Education for Quality and Excellence</i></p> <ul style="list-style-type: none">• Dr. Manos Antoninis, UNESCO Global Education Monitoring Report, France• Dr. Silvia Montoya, Director, UNESCO Institute of Statistics, Canada• Mr Andreas Schleicher, Director for Education and Skills, Organisation for Economic Co-operation and Development, France• Dr. Carlos Vargas Tamez, Head of the Secretariat, UNESCO International Teacher Task Force, France• Dr. Fengchun Miao, UNESCO Headquarters, France <p>Moderator: Dr. Wesley Teter, Senior Consultant for Educational Innovation and Skills Development, UNESCO Bangkok, Thailand</p>
	<p><i>Subtheme B: Empowering Teachers and Learners to Address Learning Poverty</i></p> <ul style="list-style-type: none">• Dr. Krissanapong Kirtikara, Chairman, Princess Maha Chakri Award Foundation, Thailand• Mr. Francisco Benavides, Regional Education Advisor, UNICEF East Asia and Pacific Regional Office, Thailand• Ms. Jarusri Jiravisitkul, Senior Manager—Education, Kenan Foundation Asia, Thailand• Dr. Darla K. Deardorff, Executive Director, Association of International Education Administrators, U.S.• Mr. Francis Jim Tuscano, Global Teacher Prize Awardee, Philippines <p>Moderator: Dr. Ho Thanh My Phuong, Centre Director, SEAMEO RETRAC, Vietnam</p>



Day 1: 28 April 2021 (Wednesday)

Sub-Theme C: Health Literacy and School Nutrition: Eradicating Barriers to Learning

- Ms. Nicole Siegmund, Principal Advisor, Regional Fit for School Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit, Philippines
- Mr. Jim Ackers, Regional Education Advisor, UNICEF Regional Office for South Asia, Nepal
- Dr. Muchtaruddin Mansyur, Centre Director, SEAMEO RECFON, Indonesia
- Prof. Dr. Ma. Sandra B. Tempongko, Deputy Coordinator, SEAMEO TROPED Network, Thailand
- Ms. Kyungah Kristy Bang, Programme Officer, UNESCO Bangkok, Thailand

Moderator: Dr. Jesus C. Fernandez, Deputy Director for Programme, SEAMEO RECFON, Indonesia

MARKETPLACE SESSION A: PARTNERS PRESENTATION

Part A1: Global Education Agenda

- UNESCO Asia Pacific Regional Bureau for Education, Thailand
- UNESCO Global Education Monitoring Report, France
- UNESCO International Centre for Higher Education Innovation, China
- UNESCO Asia-Pacific Centre of Education for International Understanding, Korea
- UNICEF Regional Office for East Asia and the Pacific, Thailand

Part A2: Empowering Schools, Teachers, and Students

- SEAMEO SEPS, Thailand
- Nisai Group, U.K.
- John Wiley & Sons, Singapore
- Equitable Education Fund, Thailand
- Akadasia, Singapore
- Worlddidac, Switzerland

Moderator: Dr. Glenn B. Gregorio, Centre Director, SEAMEO SEARCA, Philippines

15:00–16:00

MARKETPLACE SESSION B: PARTNERS PRESENTATION

Part B1: Science and STEM Education

- SEAMEO STEM-ED, Thailand and Chevron Enjoy Science, Thailand
- Center for Integrated STEM Education in the Philippines, Philippines
- Unilab Foundation, Philippines
- Institute for the Promotion of Teaching and Technology, Thailand

Part B2: TVET Collaboration and Initiatives

- Festo Didactic SE, Germany
- British Columbia Council for International Education, Canada
- Deutsche Gesellschaft für Internationale Zusammenarbeit
Regional Cooperation Programme to Improve the Quality and Labour Market Orientation of TVET, Vietnam

Part B3: Higher Education Initiatives

- Duy Tan University, Vietnam
- University of the Philippines Open University, Philippines
- University Terbuka, Indonesia
- University of Tsukuba, Japan
- Philippine Normal University, Philippines

Moderator: Ms. Piyapa Su-angavatin, Knowledge Management Manager, SEAMEO Secretariat, Thailand



Day 1: 28 April 2021 (Wednesday)

SEAMEO CENTRE PRESENTATIONS

Transforming Southeast Asian Education, Science, and Culture in the Digital Age

- Dr. Luh Anik Mayani, Centre Director, SEAMEO QITEP in Language, Indonesia
- Ms. Susan Leong, Centre Director, SEAMEO RELC, Singapore
- Dr. Indrawati, Centre Director, SEAMEO QITEP in Science, Indonesia
- Dr. R. Alpha Amirrachman, Centre Director, SEAMEO SEAMOLEC, Indonesia
- Dr. Sumardyono, Centre Director, SEAMEO QITEP in Mathematics, Indonesia
- Dr. Songheang Ai, Centre Director, SEAMEO TED, Cambodia

Moderator: Dr. Ramon C. Bacani, Centre Director, SEAMEO INTOECH, Philippines

16:00–16:15

Coffee/Tea Break

Video showing: SEAMEO and partners

16:15–17:30

PARALLEL SESSION 2

Theme: Building a Future for the Alpha Generation

Subtheme A: Addressing Inequality and Reengineering Education for the 21st Century

- Assoc. Prof. Dr. Silinthone Sacklokham, Director-General, Department of External Relations, Ministry of Education and Sports, Lao PDR
- Dr. Diosdado M. San Antonio, Undersecretary for Curriculum and Instruction, Department of Education, Philippines
- Dr. Sukit Limpijumnong, President, Institute for Promotion of Teaching Science and Technology, Thailand
- Dr. Lim Cher Ping, Chair Professor of Learning Technologies and Innovation, Department of Curriculum and Instruction, Education University of Hong Kong, Hong Kong
- Ms Lovelaine Basillote, Executive Director, Philippine Business for Education, Philippines

Moderator: Dr. Zulhamasyah Imran, Centre Director, SEAMEO BIOTROP, Indonesia

Day 1: 28 April 2021 (Wednesday)

Subtheme B: GCED and ICT Skills: Life Post-COVID-19

- Dr. Hyun Mook Lim, Director, UNESCO Asia-Pacific Centre of Education for International Understanding, Korea
- Mr. Aaron Loh, Division Director, Educational Technology, Ministry of Education, Singapore
- Mr. Andrew Tein, Vice President, Global Government Affairs & Bridge Education, Wiley, Singapore
- Ms. Jane Rexworthy, Executive Director, People 1st International, U.K.
- Mr. David Lester, Group Learning Services Director, Nisai Group, U.K.

Moderator: Dr. Luh Anik Mayani, Centre Director, SEAMEO QITEP in Language, Indonesia

Subtheme C: The Future of Work: Youth Skills in the Digital Age

- Ms. Rosanna A. Urdaneta, Deputy Director-General for Policies and Planning, Technical Education and Skills Development Agency, Philippines
- Ms. Duong Phuong Anh, Global Partnership for Education Youth Leaders, Vietnam
- Ms. Auken Tungatarova, Programme Officer, ICT in Education, Section for Inclusive Quality Education, UNESCO Bangkok, Thailand
- Mr. Bilal Musharaf, Vice President of Expansion, Noon Academy, Saudi Arabia

Moderator: Dr. Hanani binti Harun Rasit, Centre Director, SEAMEO SEN, Malaysia

17:30–17:45

Coffee/Tea Break

Video showing: SEAMEO and partners

Day 1: 28 April 2021 (Wednesday)

TEACHING AND LEARNING INNOVATION AND RESEARCH (PART I)

17:45–19:00

Session A: Teaching Innovation and Research in Mathematics

- Prof. Dr. Masami Isoda, University of Tsukuba, Japan
- Dr. Ariel B. Mabansag, Samar State University, and Dr. Adanza, J.G. Negros Oriental State University, Philippines
- Ms. Pasttita Ayu Laksmiwati and Ms. Miftahul Hidayah, SEAMEO QITEP in Mathematics, Indonesia
- Ms. Yoong Soo May, Sultan Idris Education University, Malaysia
- Mr. Albert Lleo, Kalalake National High School, Department of Education Olongapo City, Philippines

Moderator: Ms. Cheanmaly Phonesavanh, Head of the Administration Office, SEAMEO CED, Lao PDR

Session B: Teaching Innovation and Research in TVET

- Prof. Dr. Nomura Nakao, University of Tsukuba, Japan
- Dr. Adirek Vajrapatkul, Sukhothai Thammathirat Open University, and Assoc. Prof. Dr. Somboon Sirisunhirun, Mahidol University, Thailand
- Mr. David Edward Jimenez, University of the Philippines, Philippines
- Ms. Finita Dewi, Universitas Pendidikan, and Mr. Gumawang Jati, Institute Technology Bandung, Indonesia
- Mr. Jerick Gonzales and Mrs. Mary Ann Tabularin, Naglao-an National High School, Philippines

Moderator: Dr. Dwi Priyono, Centre Director, SEAMEO CECCEP, Indonesia

Day 1: 28 April 2021 (Wednesday)

Session C: Research on Digital Learning

- Prof. Huang Ronghuai, Beijing Normal University, China
- Mr. Gino A. Cabrera, Southern Luzon State University, A.B.A. Andal and G.J.S. Tanganco, Holy Angel University, M.V. Kallarackal, Far Eastern University, and C.F. Delariarte, De La Salle University, Philippines
- Dr. Romualdo Mabuan, Far Eastern University—Manila, Philippines
- Dr. Jake Raymund F. Fabregar, Dr. Rhodora P. Suarez-Crizaldo, and Dr. Jovan B. Alitagtag, College of Education, Cavite State University, Philippines
- Ms. Diane Dimapasok Lipat, University of Batangas, Philippines

Moderator: Dr. Margarita Consolacion C. Ballesteros, Director of the International Cooperation Office, Department of Education, Philippines

Session D: Innovation and Research in Language Teaching

- Ms. Leah Joyce Quilang, Cauayan City National High School, Philippines
- Ms. Tracey Ang, SJK(C) Cheng Ming, Malaysia
- Ms. Bui Thi Xuan Linh, Vinh University of Technology Education, Vietnam
- Mr. Eryl A. Garantuza, Lumban National High School, Philippines

Moderator: Mr. Joselito G. Florendo, Deputy Director, SEAMEO SEARCA, Philippines

Session E: Research at the Classroom and School Levels

- Dr. Russel Soltura, Quezon Science High School, Philippines
- Dr. Worrawit Nakpan, Assoc. Prof. Dr. Araya Prasertchai, Asst. Prof. Dr. Kultida Bunjongsiri, Dr. Pathanin Sangaroon, Dr. Pokkamol Laoraksawong, Ms. Anunya Pradisthaprecha, and Ms. Saruda Jiratkulthana, Sukhothai Thammathirat Open University, Thailand

Day 1: 28 April 2021 (Wednesday)

	<ul style="list-style-type: none">• Mr. Ronnie Tariman, Ms. Estrella B. Flauta, and Dr. Nancy O. Nitafan, Aleosan National High School, Philippines• Ms. Ruby Ann D. Jeremias and Ms. Elsa O. De Leon, San Gabriel II Elementary School, and Mr. Ramuel Ibay Bersamin, R.G.C.F. De Castro Elementary School, Philippines• Dr. Ma. Victoria Castillo-Magayon, Ms. Magdalena C. Valdez, and Ms. Ma. Theresa T. Cruz, Taytay Senior High School, Philippines <p>Moderator: Prof. Dr. Ma. Sandra B. Tempongko, Deputy Coordinator, SEAMEO TROPED Network, Thailand</p>
19:00–20:00 	<p>TEACHING AND LEARNING INNOVATION AND RESEARCH (PART II)</p> <p><i>Session F: Teaching Innovation and Research in Higher and Special Education Institutions</i></p> <ul style="list-style-type: none">• Dr. Mildred M. Crisostomo, Don Honorio Ventura State University, Philippines• Dr. Fernando D. Palacio and Dr. Nikan Sadehvandi, Kyoto University, Japan• Prof. Deanne Lynn Clouder, Z. Reyes, I. Sitepu, and Ms. Marie Sams, Institute for Global Education, Coventry University, U.K.• Dr. Wulan Patria Saroinsong, Universitas Negeri Surabaya, Indonesia• Mr. Ferdi Widiputera and Mr. Iskandar Agung, Ministry of Education and Culture, Indonesia <p>Moderator: Dr. Paryono, Deputy Director, SEAMEO VOCTECH, Brunei Darussalam</p>
	<p><i>Session G: Teaching Innovation and Research in Science</i></p> <ul style="list-style-type: none">• Mr. Eufemio D. Adarayan, Jr., Pambujan National High School, and I.B. Culaba and J.T. Maquiling, Ateneo de Manila University, Philippines• Dr. Joy Talens, De La Salle Lipa, Philippines• Mr. Ronaldo C. Reyes, Department of Education Schools Division Office Tabaco, Philippines• Ms. Faith Micah D. Abenes and Mr. Dennis G. Caballes, Rizal Technological University, Philippines

Day 1: 28 April 2021 (Wednesday)

- Mr. Lukman Nulhakim, Mr. Reza Setiawan, Mrs. Lili Indarti, and Ms. Lia Laela Sarah, SEAMEO QITEP in Science, Indonesia

Moderator: Mr. Khau Huu Phuoc, Research and Training Manager, SEAMEO CELLL, Vietnam

Session H: Research on Digital Learning

- Ms. Kezia Marcellova Glory, Mrs. Lemmuella Kurniawati, and Ms. Lia Erica Debbyanti, Universitas Kristen Duta Wacana, Indonesia
- Ms. Maily R. Ugali, Professional Regulation Commission—Regional Office III, Philippines
- Dr. Maria Theresa B. Markines, Northern Bukidnon State College, Philippines
- Dr. Edith A. Lindog, Lipa City Senior High School, Philippines
- Ms. Esra Nelvi M. Siagian, SEAMEO QITEP in Language, Indonesia

Moderator: Mr. Reza Setiawan, Deputy Director for Programmes, SEAMEO QITEP in Science, Indonesia

Session I: Innovation and Research in Teaching and STEAM

- Mr. Daniel Obst, AFS Intercultural Programs, U.S.
- Ms. Raith Ayu Apsari, S. Sariyasa, U. Lu'luilmaknun, I.M. Suarsana, and J. Junaidi, Universitas Mataram, Indonesia
- Dr. Chokchai Yuenyong, Khon Kaen University, Thailand
- Ms. Pairon Sohsomboon and Dr. Chokchai Yuenyong, Khon Kaen University, Thailand
- Ms. Russasmita Sri Padmi, Ms. Wisnuningtyas Wirani, and Ms. Faridah Nurhasanah, SEAMEO QITEP in Mathematics, Indonesia

Moderator: Dr. Sumardiyono, Centre Director, SEAMEO QITEP in Mathematics, Indonesia

Session J: Research at the Classroom and School Levels

- Ms. Estrella O. Simon and E.S. Antero, First City Providential College, and E.M. Adina and D.L. Silva, Mapua University, Philippines
- Ms. Nefrijanti Sutikno, Yayasan Pusat Kemandirian Anak, Indonesia

Day 1: 28 April 2021 (Wednesday)

- Mr. Pornchai Chinnasa and Dr. Chokchai Yuenyong, Khon Kaen University, Thailand
- Mr. Brian Adams V. Bugarin, Don Mariano Marcos Memorial State University, Philippines
- Dr. Milano O. Torres and Ms. Antriman V. Orlenias, Bicol State College of Applied Sciences and Technology, Philippines

Moderator: Dr. Mariam binti Othman, Deputy Director of Research and Development, SEAMEO RECSAM, Malaysia

Day 2: 29 April 2021 (Thursday)

PLENARY SESSION 3

Theme: Transforming Education in the Post-COVID-19 Era

Keynote Addresses

- Mr. Shigeru Aoyagi, Director of UNESCO Bangkok, Thailand

Panelists

- Dr. Sheldon Shaeffer, Chair, Board of Directors, Asia-Pacific Regional Network for Early Childhood, Singapore
- Ms. Sooinn Lee, CEO and Co-Founder, Enuma Inc., U.S.
- Dr. Kyosuke Nagata, President, University of Tsukuba, Japan
- Prof. Stephen Y.L. Cheung, President, Education University of Hong Kong, Hong Kong
- Dr. Brajesh Panth, Chief of the Education Sector Group, Sustainable Development and Climate Change Department, Asian Development Bank, Philippines
- Dr. Gabriel Cavalli, Director of the International Centre for Teaching and Learning, Queen Mary University of London, U.K.

Moderator: Dr. Ahmad Rafee bin Che Kassim, Deputy Director-General of Education, Ministry of Education, Malaysia

08:30–10:00

10:00–10:15

Coffee/Tea Break

Video showing: SEAMEO and partners

Day 2: 29 April 2021 (Thursday)

10:15–11:30	<p>PARALLEL SESSION 3</p> <p>Theme: Post-COVID-19 Pandemic Reform and Innovation</p> <p><i>Subtheme A: K–12 Models and Educational Innovation</i></p> <ul style="list-style-type: none">• Dr. Sheryl Lyn C. Monterola, Center for Integrated STEM Education in the Philippines, Philippines• Dr. Claudia M. Urrea, Senior Associate Director for pK–12, Abdul Latif Jameel World Education Lab, Massachusetts Institute of Technology, U.S.• Dr. Ben Schmidt, Regional Director, Southeast Asia and the Pacific, Cambridge Assessment International Education, Singapore• Ms. Kelli List Wells, STEM Leadership Alliance, U.S. <p>Moderator: Dr. Shah Jahan bin Assanarkutty, Centre Director, SEAMEO RECSAM, Malaysia</p>
	<p><i>Subtheme B: TVET in the Fourth Industrial Revolution</i></p> <ul style="list-style-type: none">• Mr. Jonathan Ledger, Global TVET Specialist, Department for International Trade, U.K.• Mr. Alias bin Hj Abu Bakar, Centre Director, SEAMEO VOCTECH, Brunei Darussalam• Mr. Ingo Imhoff, Director, Deutsche Gesellschaft für Internationale Zusammenarbeit Regional Cooperation Programme for the Development of TVET, Vietnam• Dr. Steven McKee, President, Labtech International Ltd., Indonesia• Dr. Paristiyanti Nurwardani, Secretary, Directorate of Higher Education, Ministry of Education and Culture, Indonesia• Mr. Volker Schmidt, Director Asia-Pacific, Festo Didactic SE, Germany <p>Moderator: Dr. Songheang Ai, Centre Director, SEAMEO TED, Cambodia</p>
	<p><i>Subtheme C: Transforming Higher Education in the Digital Era</i></p> <ul style="list-style-type: none">• Dr. Melinda dela Peña Bandalaria, Chancellor and Professor, University of the Philippines Open University, Philippines

Day 2: 29 April 2021 (Thursday)	
	<ul style="list-style-type: none"> • Assoc. Prof. Dr. Somporn Puttapithakporn, Acting Vice President for Education and Learning Support, Sukhothai Thammathirat Open University, Thailand • Dr. Randall Martin, Executive Director, British Columbia Council for International Education, Canada • Ms. Helen Chua Balderama, Associate Director, International Partnerships and Programmes, and Dr. Dominique Schaeffel-Dunand, Academic Lead, Globally Networked Learning Initiative, York University, Canada • Ms. Sylvie Bonichon, Associate Expert for European Association of Institutions in Higher Education, Belgium <p>Moderator: Asst. Prof. Dr. Romyen Kosaikanont, Centre Director, SEAMEO RIHED, Thailand</p>
11:30–12:30	<p>PARALLEL SESSION 4</p> <p>Theme: STEM Education Design to Improve Workforce Quality</p> <p>Subtheme A: Policy Design for STEM Workforces</p> <ul style="list-style-type: none"> • Prof. Thomas Corcoran, Columbia University, U.S. • Dr. Kessara Amornvuthivorn, SEAMEO STEM-ED, Thailand
	<p>Subtheme B: School Improvement to Strengthen STEM Education</p> <ul style="list-style-type: none"> • Mr. William Stroud, Columbia University, U.S. • Assoc. Prof. Dr. Walisa Romsaiyud, Sukhothai Thammathirat Open University, Thailand • Asst. Prof. Dr. Pimpaka Prasertsilp, Sukhothai Thammathirat Open University, Thailand
	<p>Subtheme C: Interactive STEM Teaching Strategies</p> <ul style="list-style-type: none"> • Dr. John Stiles, Senior Specialist, SEAMEO STEM-ED, Thailand • Prof. Dr. Edward Reeve, Utah State University, U.S.
	<p>Subtheme D: Integrating STEM into the Science Curriculum through Authentic Problem-Based Learning Experiences</p> <p>Dr. Mark Windale, Senior Specialist, SEAMEO STEM-ED, Thailand</p>
12:30–13:30	Lunch Break

Day 2: 29 April 2021 (Thursday)

13:30–15:30	<p>PLENARY SESSION 4</p> <p>Theme: The Sufficiency Economy Philosophy and the Society in the New Normal: Balancing Reforms to Achieve the SDGs</p> <p>Keynote Address Dr. Priyanut Dharmapiya, Executive Director, Sustainable Development and Sufficiency Economy Studies Centre, National Institute of Development Administration, Thailand</p> <p>Panelists</p> <ul style="list-style-type: none">• Dr. Suleeporn Bunbongkarn, Director of the Foreign Affairs Department, Chaipattana Foundation, Thailand• Dr Pumsaran Tongliemnak, Educational Economics Specialist, Equitable Education Fund, Thailand• Mrs. Somlak Charoenpot, Centre Director, SEAMEO SPAFA, Thailand• Dr. Benno Boer, Programme Specialist, Natural Sciences Unit, UNESCO Bangkok, Thailand• Asst. Prof. Dr. Prapaporn Tivayanond Mongkhonvanit, Dean, School of Global Studies, Thammasat University, Thailand• Mr. Colm Jordan, Head of Sustainability Communications and Advocacy, Indorama Ventures PCL, Thailand <p>Moderator: Mr. Sukich Udindu, Centre Director, SEAMEO SEPS, Thailand</p>
15:30–16:30	<p>PLENARY SESSION 5</p> <p>Theme: Southeast Asian Education Future Agendas</p> <p>Young Leaders Voices</p> <ul style="list-style-type: none">• Mr. Phiyachon Phumwiphat, Grade 9 Student, Gainesville International School, Thailand• Ms. Alamanda Shantika Santoso, Founder, Binar Academy, Indonesia• Mr. Prim Paypon, Executive Director, Asian Institute of Management – Dado Banatao Incubator, Philippines <p>Messages from the Ministers of Education of the SEAMEO Member Countries</p> <ul style="list-style-type: none">• H.E. Dr. Radzi Jidin, Senior Minister of Education of Malaysia and SEAMEO Council President

Day 2: 29 April 2021 (Thursday)

15:30–16:30

- H.E. Mr. Lawrence Wong, Minister for Education of Singapore and SEAMEO Council Vice President
- H.E. Dato Seri Setia Awang Hj Hamzah bin Hj Sulaiman, Minister of Education of Brunei Darussalam
- H.E. Dr. Hang Chuon Naron, Minister of Education, Youth and Sports of Cambodia
- H.E. Mr. Nadiem Anwar Makarim, Minister of Education and Culture of Indonesia
- H.E. Assoc. Prof. Dr. Phout Simmalavong, Minister of Education and Sports of Lao PDR
- H.E. Dr. Leonor Magtolis-Briones, Secretary of Education of the Philippines
- H.E. Ms. Treenuch Thienthong, Minister of Education of Thailand
- H.E. Dr. Armindo Maia, Minister of Education, Youth and Sports of Timor-Leste
- H.E. Assoc. Prof. Dr. Nguyen Van Phuc, Deputy Minister of Education and Training of Vietnam

Moderator: Dr. Pornpun Waitayangkoon, Centre Director, SEAMEO STEM-ED, Thailand

16:30–16:45

Coffee/Tea Break

Video showing: SEAMEO and partners

16:45–17:30

CONGRESS SYNTHESIS AND RECOMMENDATIONS

- Dr. Wahyudi, Deputy Director for Programme and Development, SEAMEO Secretariat, Thailand
- Dr. Kritsachai Somsaman, Deputy Director for Administration and Communication, SEAMEO Secretariat, Thailand

Closing Messages

- Hon. Datuk Yusran Shah bin Mohd Yusof, Secretary-General, Ministry of Education of Malaysia
- Hon. Dr. Suphat Champatong, Permanent Secretary, Ministry of Education of Thailand

Emcee: Mr. Khau Huu Phuoc, Research and Training Manager, SEAMEO CELLL, Vietnam



3

VENUE AND CONTACT INFORMATION

Venue

Attending SEAMEO Congress 2021 is free of charge and will be entirely convened virtually using the online platform FLOOR created by 10times.com.

Contact Information

For more information about SEAMEO Congress 2021, contact the SEAMEO Secretariat using the details below.

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Bangkok 10110 Thailand

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Email: congress2021@seameo.org

Website: <http://congress2021.seameo.org>

Look for any of the following contact persons:

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Executive Secretary
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4

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Acknowledgements

SEAMEO Congress 2021 would not be possible without the help of our partners in transforming education, science, and culture as we move further into the digital age. Our deepest and sincerest gratitude goes out to all of them.

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(SEAMEO STEM-ED)



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