



## SEAMEO-The University of Tsukuba Symposium VIII

Theme: Education for Inclusive Growth on 4<sup>th</sup> Industrial Revolution for Society 5.0

13-14 February 2020

### Programme

Thursday, 13 February 2020	
0900-0930 hrs	Registration
0930-1015 hrs	<b>I. Session I: Opening Ceremony</b>
	A. SEAMEO Colours
	B. SEAMEO Song
	C. Welcome Remarks <b>Professor Dr Kiyoshi Karaki</b> , Chair of Global Teacher Education Committee, the University of Tsukuba, Japan
	D. Welcome Remarks <b>Mr Yoshihide Miwa</b> , Director, Office for International Strategy Planning, International Affairs Division MEXT, Japan
	Opening Address and Keynote <b>Dr Kritsachai Somsaman</b> , Deputy Director for Administration and Communication, SEAMEO Secretariat
	E. Keynote Speech <b>Dr Bundit Thipakorn</b> , Senior Vice President for Academic Affairs King Mongkut's University of Technology Thonburi, Former Secretary General, Ministry of Education, Thailand
	F. Photo session
1015-1030 hrs	Tea/coffee break
1030-1130 hrs	<b>II. Session II. Keynotes for Challenges and Diversity in Industry 4.0</b>
	<b>Professor Hee-chan Lew</b> , Korea National University of Education, Korea <b>Dr Marcela Santillán</b> , Universidad Pedagógica Nacional, Mexico <i>Mathematics Education and Gender: the case of Japan</i> , <b>Professor Hanako Senuma</b> , Tamagawa University, Japan
1130-1230 hrs	<b>III. Session III. Humanity and Digital Competencies for Industry 4.0</b>
	Panel Presentation: <b>Assoc. Prof. Dr Nguyen Chi Thanh</b> , Vietnam National University, Vietnam <b>Assoc. Prof. Dr Ivan Vysotskiy</b> , Moscow Center for Continuous

	Mathematical Education, Rusia <b>Dr Soledad Ulep</b> , University of the Philippines
1230-1400 hrs	Lunch
1400-1530 hrs	<b>IV. Session IV. Global Citizenship and Skills Development in Industry 4.0</b>
	<p>Panel Presentation:</p> <p><i>Inclusive education and Global Citizenship – University of Tsukuba Perspective</i>, <b>Dr Nakao Nomura</b>, University of Tsukuba, Japan</p> <p><i>Regional Partnership for Capacity Building on Global Citizenship and 21<sup>st</sup> Century Skills: Towards a Regional Knowledge Sharing Platform</i>, <b>Mr Benito Espena Benozza</b>, Manager, SEAMEO INNOTECH</p> <p><i>Channeling agriculture innovation transfer from universities and research centre to vocational high schools: Lesson learned from Indonesia</i>, <b>Dr Irdika Mansur</b>, Centre Director, SEAMEO BIOTROP</p> <p><i>International Collaborative Learning Program from the Perspective of ESD and SDGs Through Case Study of Collaboration between Japanese and ASEAN High schools</i>, <b>Yoshikazu TATEMOTO</b>, Chief Teacher of Senior High School at Sakado, University of Tsukuba</p>
1530-1545 hrs	Tea/coffee break
1545-1730 hrs	<b>V. Session V. Education for Sustainable Development: The SEAMEO Agenda in Industry 4.0 era</b>
	<p>Panel Presentation:</p> <p><i>STEM learning and Industry 4.0 as a media for climate change impact mitigation</i>, <b>Dr Indrawati</b>, Centre Director, SEAMEO QITEP in Science</p> <p><i>The New Education for Sustainable Development: Sufficiency Economy Philosophy in Thailand and Southeast Asian Countries</i>, <b>Dr Sukich Udindhu</b>, Centre Director, SEAMEO SEPS</p> <p><i>Securing a Health and Nutrition-Conscious Young Generation through the School and Community Education System for Society 5.0</i>, <b>Dr Jess C Fernandez</b>, Deputy Director, SEAMEO RECFON</p> <p><i>The Value of History in the Society 5.0</i>, <b>Dr Khin Lay Soe</b>, Centre Director, SEAMEO CHAT</p>
1730-1930 hrs	<b>Dinner</b>
<b>Friday, 14 February 2020</b>	
0800 hrs	Meeting Point for Lesson Study
0920-1200 hrs	Open Class of Lesson Study *)
1200-1330 hrs	Lunch
1330-1445 hrs	<b>VI. Session VI. Human Character Formation Through Curriculum</b>

<b>Integration</b>	
<p>Panel Presentation:</p> <p><i>Curricular Imperatives in Developing Next-Generation Leaders of the Agriculture Sector in Southeast Asia</i>, <b>Dr Glenn B Gregorio</b>, Centre Director, SEAMEO SEARCA</p> <p><i>Calculator for Critical Thinking: Experience with 4th Grade Mathematics Students</i>, <b>Dr Sumardiyono</b>, Centre Director, SEAMEO QITEP in Mathematics</p> <p><i>Developing Human Character through STEM Planning and Design Learning (PaDL) Framework</i>, <b>Dr Suhaidah Tahir</b>, Centre Director, SEAMEO RECSAM</p>	
1445-1515 hrs	Tea/coffee break
1515-1700 hrs	<p><b>VII. Session VII. Inclusive Education for Society 5.0</b></p> <p><i>Education for Sustainable Development for Children with Disabilities (CWD)</i>, <b>Ms Salmah Jopri</b>, Centre Director, SEAMEO SEN</p> <p><i>Reaching Everyone in Education for Societal Transformation</i>, <b>Dr Alpha Amirrachman</b>, Centre Director, SEAMEO SEAMOLEC</p> <p><i>The participation of village education development committee toward the Border School Development Project of SEAMEO CED</i>, <b>Dr Niane Sivongxay</b>, Centre Director, SEAMEO CED</p> <p><i>The Challenge of ECCE Inclusive Education for Society 5.0 in Southeast Asia</i>, <b>Dr Dwi Priyono</b>, Centre Director, SEAMEO CECCEP</p>
1700-1730 hrs	<p><b>VIII. Synthesis and Closing Messages</b></p> <p><b>Dr Wahyudi</b>, Deputy Director for Programme and Development, SEAMEO Secretariat</p> <p><b>Prof Dr Masami Isoda</b>, Director, CRICED, The University of Tsukuba</p>