



Southeast Asian
Ministers of Education
Organization



筑波大学
University of Tsukuba

SEAMEO-University of Tsukuba Symposium VII

Theme: Reform and Development in Teacher Education for the Digital Economy
10 February 2019

Program

Sunday, 10 February 2019		
0830-0900		Registration
0900-1020	I.	Opening Ceremony
	A.	SEAMEO Colours
	B.	SEAMEO Song
	C.	Welcome Remarks by Dr Caroline Benton, Vice President of The University of Tsukuba, Japan
	D.	Welcome Remarks by Mr Shiro Terashima, Director, Office for International Strategy Planning, International Affairs Division MEXT, Japan
	E.	Opening Address and Keynote by Dr Gatot Hari Priowirjanto, Director, SEAMEO Secretariat
	F.	Keynote Speeches: <ul style="list-style-type: none"> Reforms in Teacher Education in Responding to Digital Economy: A Malaysian Case, Dr Amin Bin Senin, Director General of Education, Ministry of Education, Malaysia Transformation of Modern Society and Creative Teacher Training to Develop Model Teacher, Dr Hiroshi Sato, University of Tsukuba
		Official Photo Session
1020-1030		Tea/coffee break
1030-1145	II.	Panel Session I. Industrial Revolution and Digital Economy: Opportunities and Challenges Panel Presentation: <ul style="list-style-type: none"> Innovating Education for Digital Industry, Dr Alpha Amirrachman (SEAMEO LEC) Computational Thinking; A Curriculum Framework for a Digital Society on APEC, Dr. Roberto Araya (University of Chile) and Dr. Masami Isoda (University of Tsukuba) Proposing an interdisciplinary Teacher Education for the 4th Industrial Revolution: Korean Perspective, Dr. Hee-Chan Lew (Korean National University of Education) Teacher Education for Industrial Revolution 4, Dr. Chi Thanh, Nguyen (Vietnam National University) Supporting Reforms and Developments in Teacher Education for the Digital Economy, Dr. Soledad Ulep (UP-NISMED) Teacher Education for a Future Ready Learner, Dr. Tim-Lam, Toh, (NIER-Nanyang Technological University)
1145-1245		Lunch
1245-1430	III.	Panel Session II. Teacher Education and Reform in Education Panel Presentation: <ul style="list-style-type: none"> Skills and Competencies Necessary for Future Teachers: Perspectives from SEAMEO RIHED, Dr Chantavit Sujatanond (SEAMEO RIHED) Teacher Education and Reforms in Education in Vietnam: challenges and solutions, Dr. Ho Thanh My Phuong (SEAMEO RETRAC)

		<ul style="list-style-type: none"> • Teacher Education & The Role of the Teachers' Council of Thailand, Dr. Wattanaporn Ra-ngubtooka (Teacher Education Council) • Competencies and Capability Development of Science Teacher in Japan's Teacher Training: The System and Concrete Image of Teacher Training for Science Teachers, Dr. Yusuke Endo and Dr. Yoko Yamamoto (University of Tsukuba) • Inspecting Proactive Methods for Improving Competencies and Capabilities of Japan's Science Teachers through Teacher Training: Practical Examples as the Foundation for Themed Research into Science Teacher Training, Dr. Yoko Yamamoto and Dr. Yusuke Endo (University of Tsukuba) • New Teacher Preparation for Reforming 5-year teacher education program, Dr Maitree Inprasitha (IRDTP, Khon Kaen University) • Staff Qualification and Competency Improvement Programs at Comprehensive Education Center with Example of Curriculum Management Training toward the Fourth Industrial Revolution Era in the case of Okinawa Prefecture, Ms.Kumiko Tomori (Okinawa Comprehensive Education Center) and Dr. Masami Isoda (University of Tsukuba)
1430-1445		Tea/coffee Break
1445-1545	IV.	<p>Panel Session III. Harnessing Human Resource Development in the Digital Economy through relevant Science and Culture Interventions</p> <p>Panel Presentation:</p> <ul style="list-style-type: none"> • Economics Valuation on Recovery Coastal Ecosystem Aftermath Disaster: A Case Study on Human Resources of Fisheries' Vocational School in Palu Bay, Sulawesi Tengah Province, Dr. Zulhamsyah Imran (SEAMEO BIOTROP) • STEM Village: Promoting and Spreading Awareness about STEM to Families and Society, Dr. Wahyudi (SEAMEO QITEP in Mathematics) • Bridging the STEM Skills Gap Involves Both Education and Industry Commitments, Mr Taufek bin Muhamad (SEAMEO RECSAM) • Culture Interventions in Harnessing Human Resource Development in the Digital Economy, Dr M R Rujaya Abhakorn (SEAMEO SPAFA)
1545-1600		Tea/coffee break
1600-1700	V.	<p>Session IV. Academic Mobility and Oversees Programs: Stories from Partner Institutes</p> <ul style="list-style-type: none"> • Teacher Education and the Role of the teachers' Council of Thailand, Dr. Tinsiri Siribodhi (Teacher Education Council, Thailand) • Improving students' academic competence and global engagement: UPI students' participation in SEA-TEACHERS, Prof. Asep Kadarohman (Indonesia University of Education) • Academic Mobility Strategies and Challenges: The T.I.P. Experience, Dr. Cynthia C. Llanes (Technological Institute of the Philippines)
	VI.	<p>Synthesis and Closing Messages</p> <p>Closing Message</p> <p>Prof Dr Masami Isoda, Director, CRICED, The University of Tsukuba</p> <p>Dr Ethel Agnes Pascua-Valenzuela, Deputy Director for Program and Development, SEAMEO Secretariat</p>
1730-1930		Welcome Dinner