

Innovation and Development of Occupation, Qualification, Education & Training for the 4th Industrial Revolution

Hoam Convention Center, SNU, Seoul. October 22nd - 25th 2017

Opening Ceremony

Venue: Mugunghwa Room

09:00~09:50	Opening Speech	Dr. Chyul-Young JYUNG Chair, International Conference Organizing Committee, Korea
	Welcome Speech	Dr. Nyan-Myau LYAU President, Asian Academic Society for Vocational Education & Training, Taiwan Dr. Jeong-Yoon CHO President, Korean Association for Skills and Qualification, Korea
	Congratulatory Speech	Mr. In-gon KIM Vice President, HRD Service of Korea, Korea

Keynote Speech

10:00~10:40	Moderator	The 4th Industrial Revolution: The Human Dimension Dr. Kirby BARRICK Professor Emeritus, University of Florida, U.S.A.
	Dr. Jin-Cheol JEONG Professor, Seoul National University, Korea	Future TVET in Asia Pacific: The Impact of Social, Economic and Technological Competitiveness on Sustainability Dr. Ramlee MUSTAPHA Professor, Sultan Idris University, Malaysia

Plenary Speech

10:50~11:30	Moderator	From Unicity to Diversity: Trend of Secondary Vocational School Education Development in China Dr. Weiping SHI Professor, East China Normal University, China
		TVET in the 4th Industrial Revolution in Japan Dr. Yuji TANIGUCHI Professor, National Polytechnic University, Japan
11:30~12:10	Dr. Won-Sik CHOI Professor, Chungnam National University, Korea	TVET in the 4th Industrial Revolution in Taiwan Dr. Wei-Te LIU Professor, National Yunlin University of Science and Technology, Taiwan
		Qualification and NCS Dr. Hwa-Ick JEON Chair, Global Institute For Transferring Skills, Korea • <u>Will be presented during field trip to GIFTS on 24th Oct</u>

Concurrent Session A

Venue: Mugunghwa Room

Session	Policy, System		
1			
13:30 ~ 15:20	Moderator Dr. Wei-Ping SHI	A1	Developing an Alternative Framework for Mutual Recognition of Qualification through Competency-Based Common Occupational Standards between Korea and Australia Min-Kyoo KIM · Dr. Jeong-Yoon CHO
		A2	The course selection of the female dominated professions with the national vocational qualifications in Japan Dr. Yukiko NAGAO
		A3	The Educational Needs of Green Care Professional in Republic of Korea Dr. Dae-Koo KANG · Dr. Hyojin LEE
		A4	The Futures of Work in the rise of Transhumanism Dr. Seong Won PARK · Kayeul PARK
		A5	The role of higher education in vocational school revitalization program 2017-2019 in indonesia Dr. Bruri Triyono MOCH
		A6	A Policy Sociological Analysis on the Institutionalizing Process of University of Applied Sciences in Japan Dr. Moriki TERADA
		A7	Future Directions for strengthening the Qualitative Service of Vocational Education and Training through NCS in Korea Dr. Jinsil KIM
Session 2	System, Institution		
15:30 ~ 17:20	Moderator Dr. Yuji TANIGU CHI	A8	The Experiences of Vocational Education Achievement Assessment Standards Establishment in Britain, Germany, Japan and Their Enlightenments Dr. Yu HAN · Dr. Jun GAO
		A9	The Rational Contemplation on the Transition of the Local Higher Education Institutions from the Perspective of Structure Adjustment Dr. Gaimin SONG · Shu-jing YAN · Dr. Huiying WANG
		A10	The Characteristics of Logics of a Policy of Vocational Education at Higher Education in Japan- Focusing on the Process of The Discussion on “New Professional Colleges” Akane ODA
		A11	What are the Competencies Required of Workers In the Era of the Fourth Industrial Revolution? Han Ryeo LIM · Dr. Chyul-Young JYUNG
		A12	The Task of Machine Tool Operators in Small and Medium Enterprises in Indonesia Dr. Sentot WIJANARKA
		A13	The effect of OA certificate and MS office application ability on the academic achievement and participation in the NCS Communication Class Hyun-Min CHOI
		A14	A Meta-analysis of Job Satisfaction between Contingent and Permanent Employee in Korea Young Heung KIM · Yong Jin Park · Ji Hyun Kim · Dr. Seung-Il Na

Concurrent Session B

Venue: Camellia Room

Session	Curriculum, Learning		
1			
13:30 ~ 15:20	Moderator Dr. Mohamad Sattar RASUL	B1	Development of Chinese TVET Curriculum Policies in the New Century Dr. Han XU · Dr. Jiang Chun YANG · Dr. Zhang MIAO
		B2	Frame Work of Entrepreneurship Learning Ecosystem for TVET Nik Hanis Zuraihan RAHIMI · Dr. Mohamad Sattar RASUL · Ruhizan MOHAMAD YASSIN
		B3	Influence of the STEM Education on Vocational and Career Education in Japan Dr. Masanobu, SAKAMOTO
		B4	Infusing STEM in Learning Coupled with Higher Level Questions in Preparing for Quality Technical Students Dr. Nik Azmah NIK YUSSUF · Norazilawati ABDULLAH · Norhasnida Binti MD GHAZALI
		B5	Inculcating Creativity In Lestari Kemajuan Education Science Subject Dr. Asnul Dahar MINGHAT · Kok Wee YUNN · Siti Salina MUSTAKIM · Mohd Faizul Firdaus MOHD ZULKIFLI
		B6	Curriculum Development of Professional Talent of Mechanical Equipment Maintenance in Vocational School-Based on Demands of 63 Companies Tianjin Dr. Yimei REN · Dr. Guping YI · Qian WU
		B7	A Comparison Study of Beauty Education and Training between Taiwan and Korea Li-Wen CHEN · Dr. Wei-Te LIU
2			
15:30 ~ 17:20	Moderator Dr. Ramlee Mustapha	B8	Some analyses on educational programs for development of human resources for students in a private university in Japan Chiaki MATSUO
		B9	Challenges of Implementing Work Based Learning In Polytechnic Sultan Azlan Shah Mohd Ajmain ABDUL WAHAB · Dr. Ramlee bin MUSTAPHA
		B10	The successfulness of work based learning(WBL) in Electronic engineering (medical) program collaborated with industry Dr. Zunuwanas Bin MOHAMAD · Wan Rosemehah Binti WAN OMAR
		B11	The analysis of “Vocational Education 4.0” form based on “industry 4.0” Wenping ZHAO
		B12	Personality revealed on instagram: the relationship between photo-sharing and personalities Dr. Ching-pu CHIAO · Kanru LIN
		B13	The branch road of modern vocational education and its redemption Dr. Huiying WANG
		B14	A Study on the Effect of Chinese Medicine Aromatherapy Olfactory Conduction Course on Stress-release and Sleep for the elderly Yu-Shiu SHIH · Dr. Wei-Te LIU

Concurrent Session C

Venue: Water Lily Room

Session	Employability, Skills		
1			
13:30 ~ 15:20	Moderator Dr. Kuei-Chih Chuang	C1	Qualifying Education and Its Effect on Vocational Abilities and Value Formation for Students of Polytechnic Colleges In Japan Dr. Yuji TANIGUCHI · Dr. Rie YAMAMOTO · Dr. Moriki TERADA
		C2	A Research on the Work ethics of Chinese secondary VET students majoring in tourism in Shanghai Dr. Kuang YING
		C3	Employability of graduates VHS vs. AHS in Indonesia's Fashion Creative Industry Subject or: Owners's View Point Siti Zahro · Dr. Nyan Myau LYAU · Endang PRAHASTUTI · Esin SINTAWATI · Agus SUNAN DAR
		C4	The Process of Increasing Competence of Vocational School Students through Industrial Work Practices Dr. Nur Hasanah · Galeh Nur Indriatno Putra Pratama · Bada Haryadi
		C5	Culinary Industries' Viewpoints on VHS Students' Job Readiness Lismi Animatul Chisbiyah · Dr. Nyan Myau LYAU
		C6	Alumni Perceptions of Learning Experience in University and Job Readiness in Fashion Industry INDARTI
		C7	Influences of Occupational Status and Workplace Training on Vocational Students' Occupational Identity: a Chinese Context Dr. Yingyi ZHOU · Dr. Zhiqun ZHAO · Dr. Felix RAUNER
Session	Employability, Skills, Careers		
2			
15:30 ~ 17:20	Moderator Dr. Masanobu, SAKAMOTO	C8	Internship Evaluation to Improve Students' Employability Skills in Culinary Art Department, Faculty of Engineering, Yogyakarta State University Dewi Eka murniati
		C9	Study on Social Economic Status of High School Students with Oversea Experience Yuan-yang WANG · Dr. Nyan-Myau LYAU
		C10	Strategic Partnership and Cooperative Competency Between Vocational Secondary School and Industries in Indonesia Roswina Dianawati · Widiyanti
		C11	Career Planning Indicator Of High Income TVET Entrepreneur for IKM And KKTM in Malaysia Natasha Dora MURIDAN · Dr Mohamad Sattar RASUL · Ruhizan Mohamad YASIN · Norhayati YAHAYA
		C12	Effects Of Organizational Identity On A University Career Course Miyuki KIKUCHI
		C13	Cooperation and Contribution Models on Vocational Education and Training Program Implementation On Heavy Equipment Achmad Arifin TAFAKUR
C14	Natural Resource Beta Wave Technology To Stimulate Rural Primary Education Teik Wei YEAP · Dr Salleh ABD RASHID		

Concurrent Session D

Venue: Magnolia Room

Session 1		Apprenticeship	
13:30 ~ 15:20	Moderator Dr. Su- Jung CHOI	D1	The economic outcomes of Korean Apprenticeship System Dr. Seung Hwan JEON
		D2	A Study on the Present Situation and Problems of Mentoring Relationship in Modern Apprenticeship – Based on the Perspective of Students Dr. Guoqing XU · Xu CHEN & Yingwen ZHOU
		D3	Developing the design of Social Skills and Social Values Competency Models for the Dual System Apprenticeship Program: Applying the Modified Nominal Group Technique Norhayati YAHAYA · Dr Mohamad Sattar RASUL · Ruhizan Mohamad YASIN · Natasha Dora M URIDAN
		D4	An Empirical Study on After Training Benefit Evaluation of Dual System of Vocational Training Program Dr. Fei-Chuan CHEN · Yu-hsiang LEE · Yu-Shiu SHIH
		D5	An Understanding For Industrial Internship Program Development For Preparing Employability Skills Of Vocational Students In Indonesia Didik Nurhadi · Dr. Nyan Myau LYAU
		D6	Development of Entrepreneur’s Manual for Woman Dr Mitsuko NISHIGUCHI · Mikiko WATABE · Kunio OHNO
		D7	Reformation of Teacher Training Course in Japan 2019 –focusing on the “School Internship” Dr. Hiromi ITO · Dr. Fumito SATO
Session 2		Teacher, Teaching	
15:30 ~ 17:20	Moderator Dr. Bruri Triyono Moch	D8	Study on Role Transformation of Vocational Education Teachers in the Context of “Made in China 2025” Dr. Hong wei XU · Dr. Ye CAO
		D9	Developing The Competencies of Vocational Teachers In the Age of 4th Industrial Revolution Ye-weon JEON · Jinkwan KIM · Whayoung CHOI · Dr. Seung-II Na
		D10	Analysis of the Work Alienation of Teachers in Secondary Vocational Schools in China Dr. Xueling FU, Chung-Shan SUN
		D11	In-Service Training For Technical Teachers In Academic High Schools Of Malaysia: An Evaluative Study Mohd Tafizam MOHD TAIB, Ramlee MUSTAPHA
		D12	Vocational Education teacher training system based on Ecological civilization perspective Honghua ZHANG
		D13	The effectiveness of using situated teaching method on equipment operation training programs for property management company Dr. Nai-Hsin PAN, Ren-Yi KUNG