

# Theory and Practice of STEAM Integrated Education

Building 210, College of Humanities, Dankook University, Gyeonggi-do, Korea

Chair Younghee Lee (University of Houston, USA)

	time	contents
<b>Opening Ceremony</b>	13:00 - 13:20	<b>Registration</b>
	13:20 - 13:30	<b>Opening Remark</b> Sang Sook Choi-Koh (Director, Institute for Education of School Subjects, Dankook University, Korea)
	13:30 - 13:40	<b>Welcoming Remark</b> Hyun Ki, Shin (Dean, College of Education, Dankook University, Korea) (Director, The Special Education Research Institute, Dankook University, Korea)
<b>Keynote Address</b> (Invited Speaker)	13:40 - 14:20	<b>Vehicle for an Articulated Curriculum</b> Francis M. Pottenger III (Director, CRDG Science Education, University of Hawaii, USA)
	14:20 - 14:50	<b>Mathematical Errors of Minority Students from North Korean Defectors and Low-SES in Learning of Mathematical Basic Concepts</b> Sang Sook Choi-Koh (Director, Institute for Education of School Subjects, Dankook University, Korea)
	14:50 - 15:20	<b>Evidence of Inquiry in Early Childhood Education</b> Carol Ann Brennan (Professor, CRDG Science Education, University of Hawaii, USA)
<b>Concurrent Session A</b> (Invited Speaker)	15:20 - 15:30	<b>Coffee Break</b>
	15:30 - 16:00	<b>Implementation of assessment for learning: transfer theory into practice in science classrooms</b> Hye-Eun Chu (Professor, NIE, Nanyang Technological University, Singapore)
	16:00 - 16:30	<b>A Vision for New K-12 Science Education Standards: Change from NSES (National Science Education Standards) to NGSS (Next Generation Science Standards)</b> Younghee Lee (Professor, College of Education, University of Houston, USA)
	16:30 - 17:00	<b>Assistive Technology Instruction in the Introductory Special Education Course: The Impact of Assistive Technology Course Contents and Activities on Student Learning and Perception</b> Jeong-il Cho (Professor, Special Education, Indiana University-Purdue University, Fort Wayne, USA)
	17:00 - 17:30	<b>Elementary Pre-service Teachers' Teaching of Inquiry Process Skills</b> Byoung Sug Kim (Professor, Elementary Education, Roosevelt University, USA)
	17:30 - 17:40	<b>Coffee Break</b>
<b>Concurrent Session B</b>	17:40 - 18:10	<b>Concurrent Session B-1</b> Hee-Ju Maeng (Professor, Dankook University, Korea) Young Jun Kim (Teacher, Onam High School, Korea) Seok-Jun Hong (Teacher, Taewon High School, Korea)
		<b>Concurrent Session B-2</b> Ji-Hyun Yoon (Professor, Dankook University, Korea) Tae-Hoon Kim (Teacher, Anhwa Middle School, Korea) Ka-Ram Kim (Teacher, Donghak Elementary School, Korea)
		<b>Concurrent Session B-3</b> Ji-Hyun Noh (Professor, Dankook University, Korea) Yu-Mi Lee (Teacher, Segumjung Elementary School, Korea)
<b>Discussion</b>	18:10 - 18:30	<b>Comprehensive Discussion</b> Yeon-A Son (Director, Science Education Research Institute, Dankook University, Korea)