

**4th International Annual Meeting on STEM Education
(I AM STEM 2021)**

Conference Agenda- Day 1

August 12 (Thur.), 2021		
Taiwan Time		Event
0850	0930	Registration
0930	1000	Opening Ceremony
1000	1100	Keynote Speech 1: Prof. Chin-Chung Tsai <i>The Role of Design Thinking and Creative Thinking in STEM Education</i> Chair: Prof. Chun-Yen Chang
1100	1120	Tea Break
1120	1220	Keynote Speech 2: Prof. Lei Bao <i>Towards a Modeling Framework for Assessment of Scientific Reasoning</i> Chair: Prof. Chin-Chung Tsai
1220	1330	Lunch
1330	1430	Parallel Session 1
1430	1530	Parallel Session 2
1530	1600	Tea Break
1600	1700	Keynote Speech 3: Prof. Hanno van Keulen <i>A Curriculum for STEM Literacy from Early Childhood to University Education</i> Chair: Prof. Chun-Yen Chang
1700	2100	Banquet
2100	2230	Chasing the Stars: the 2021 Perseid Meteor Shower

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Conference Agenda- Day 2

August 13 (Fri.), 2021		
Taiwan Time		Event
0930	1000	Registration
1000	1100	Keynote Speech 4: Prof. Hironori Washizaki <i>Rubric-based Assessment of Programming Thinking Skills and Comparative Evaluation of Introductory Programming Environments</i> Chair: Dr. Ping-Han Cheng
1100	1120	Tea Break
1120	1220	Keynote Speech 5: Prof. Chatree Faikhamta <i>Pre-Service Science Teachers' Modeling Practices in STEM Activities</i> Chair: Prof. Chokchai Yuenyong
1220	1330	Lunch
1330	1430	Parallel Session 3
1430	1530	Parallel Session 4
1530	1630	Parallel Session 5

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Conference Agenda- Day 3

August 14 (Sat.), 2021

Taiwan Time		Event
1000	1200	<p align="center">International Virtual Symposium on STEM Education for New Asia</p> <p><i>Discussion Topics:</i></p> <ol style="list-style-type: none"> 1. Present current STEM education in each country 2. Envision future STEM education in each country 3. Discuss similarity and differences among different countries 4. Propose strategies for future collaborations on research and practices in STEM education 5. Establish International Association/consortium of STEM Education (IAMSTEM) <p><i>Invited Panelists:</i></p> <ol style="list-style-type: none"> 1. Prof. Nguyen Van Hien, Hanoi National University of Education, Vietnam 2. Prof. Ari Widodo, Indonesia University of Education, Indonesia 3. Prof. Bevo Wahono, University of Jember, Indonesia 4. Prof. Chokchai Yuenyong, Khon Kaen University, Thailand 5. Prof. Amelia T. Buan, Department of Science and Mathematics Education Mindanao State University - Iligan Institute of Technology, Philippines 6. Prof. Sheryl Lyn Carreon Monterola, University of the Philippines, Philippines