

**The 2nd SEA-STEM INTERNATIONAL CONFERENCE**  
**24/11/2021, Parallel Session 1**

Room No. and Theme	Time	Presentation Code	Paper ID	Title
R1: Technology-Enhanced STEM Teaching and Learning  Zoom ID: 940 7544 4720; Passcode: 0787  <a href="https://psu-th.zoom.us/j/94075444720?pwd=Q0Q4MmRJZ29RVWtZYtYd4Z2hSTndwdz09">https://psu-th.zoom.us/j/94075444720?pwd=Q0Q4MmRJZ29RVWtZYtYd4Z2hSTndwdz09</a>	14.00	R1S1-01	1570761528	Node.js for Development RSTEM to Support Remote Physics Practicum During COVID19
	14.20	R1S1-02	1570763869	Lessons Learned on Developing PSU-MOOC: A Case of Introduction to Astronomy
	14.40	R1S1-03	1570763896	Design PPM Instrument for STEM Learning Props in Exploring Nuclear Physics Topic
	15.00	R1S1-04	1570765514	Intelligent Traffic Light System Using Image Processing
	15.20	R1S1-05	1570766872	Development of Massive Open Online Course Integrating with Podcasts on Nursing Patients with Arrhythmia and Reading Electrocardiogram to Enhance Nursing Students Learning Achievement
R2: Pedagogical Modes and Applications of STEM  Zoom ID: 968 6834 4639; Passcode: 4228  <a href="https://psu-th.zoom.us/j/96868344639?pwd=U0tnMzM0OWU5EWGdqcmdaMmVocW92Zz09">https://psu-th.zoom.us/j/96868344639?pwd=U0tnMzM0OWU5EWGdqcmdaMmVocW92Zz09</a>	14.00	R2S1-01	1570756792	State-Of-The-Art Examples for Leading Edge Education in STEM Disciplines
	14.20	R2S1-02	1570757467	Educator Personality Toward Edutainment for Preparing Youth to a Digital Society
	14.40	R2S1-03	1570765096	Effect of Online Class Features on Students' Learning Satisfaction in UniMAP
	15.00	R2S1-04	1570760000	Systemic Design Thinking in Urban Farming I-STEM Teaching and Learning Module
	15.20	R2S1-05	1570761932	Project Based Learning for General Education Course
R3: Curriculum Studies and Development Focused STEM Education  Zoom ID: 930 6015 1224; Passcode: 2007  <a href="https://psu-th.zoom.us/j/93060151224?pwd=U3hycXlONW4yeTFpdTdpbHd6MFIDQT09">https://psu-th.zoom.us/j/93060151224?pwd=U3hycXlONW4yeTFpdTdpbHd6MFIDQT09</a>	14.00	R3S1-01	1570759454	E-Learning Readiness in University of Lampung During Covid-19 Pandemic
	14.20	R3S1-02	1570759877	Improving Collaborative Teaching Practices in Science Through Action Research
	14.40	R3S1-03	1570762831	Professional Learning Community on STEM Competency: COVID-19 Pandemic Issue
	15.00	R3S1-04	1570762962	STEM-PBL Activity for Higher Education to Enhance the STEM Competency
	15.20	R3S1-05	1570763136	Knowledge Management Model on Islamic Integrated STEM Learning Management

**The 2nd SEA-STEM INTERNATIONAL CONFERENCE**  
**25/11/2021, Parallel Session 2**

Room No., Theme and Zoom ID	Time	Presentation Code	Paper ID	Title
R1: Technology-Enhanced STEM Teaching and Learning  Zoom ID: 940 7544 4720; Passcode: 0787  <a href="https://psu-th.zoom.us/j/94075444720?pwd=Q0Q4MmRJZ29RVWtZYTd4Z2hSTndwdz09">https://psu-th.zoom.us/j/94075444720?pwd=Q0Q4MmRJZ29RVWtZYTd4Z2hSTndwdz09</a>	10.00	R1S2-01	1570765236	Lesson Learned on Development of Online Teaching Materials PSU MOOC: A Case of the Subject Entrepreneurs and New Venture Creation
	10.20	R1S2-02	1570765578	Lessons Learned on Knowledge Management to Produce Online Teaching Materials for PSU-MOOC: A Case Study of the Subject 'Social Etiquette in the Digital Age'
	10.40	R1S2-03	1570765716	Smartphone-Controlled 3D Printed Robots for STEM Learning
	11.00	R1S2-04	1570765798	A Survey of Student's Perception on Conducting Online Learning in the Home Environment During Movement Control Order (MCO)
	11.20	R1S2-05	1570766876	Development of Massive Open Online Course on Coexistence in Multicultural Society to Enhance Knowledge Construction and Awareness of Cultural Values for Undergraduate Students
	11.40	R1S2-06	1570766971	Development of Massive Open Online Course on Muslim Way of Life in Food Consumption to Promote Cultural for Undergraduate Students
	12.00	R1S2-07	1570767137	Results of Application of SPOC on English for Tourist Guides Course
	12.20	R1S2-08	1570758397	Can Psychomotor Skills from Electrical Circuit Laboratory Be Evaluated?
R2: Pedagogical Modes and Applications of STEM  Zoom ID: 968 6834 4639; Passcode: 4228  <a href="https://psu-th.zoom.us/j/96868344639?pwd=U0tnMzM0WU5EWGdqcmdaMmVocW92Zz09">https://psu-th.zoom.us/j/96868344639?pwd=U0tnMzM0WU5EWGdqcmdaMmVocW92Zz09</a>	10.00	R2S2-01	1570764900	The Effects of RME Approach for High School Students
	10.20	R2S2-02	1570765148	Awareness of Green Academic Library by Dashboard Towards Sustainable University
	10.40	R2S2-03	1570765469	Integrated STEM with Project-Based Learning Implementation to Enhance Students' Creativity
	11.00	R2S2-04	1570765708	Enhancing Creativity and Collaboration by Learning Management in STEM Education
	11.20	R2S2-05	1570767372	STEM Project Approach to the Topic of Sustainable Development Goals Through Online Meeting on Students' Self-Regulation
	11.40	R2S2-06	1570755840	The Concept of STEAM in Science Communication: Review of Works on the Curriculum
	12.00	R2S2-07	1570763644	Understanding Volcano Activity Using 2D Simulation Models of MT Data
	12.20	R2S2-08	1570769368	The Role of Demographic Variables in Secondary School Teachers' Digital Literacy: The Case of Indonesia
R3: Curriculum Studies and Development Focused STEM Education  Zoom ID: 930 6015 1224; Passcode: 2007  <a href="https://psu-th.zoom.us/j/93060151224?pwd=U3hycXlONW4yeTFpdTdpbHd6MFIDQT09">https://psu-th.zoom.us/j/93060151224?pwd=U3hycXlONW4yeTFpdTdpbHd6MFIDQT09</a>	10.00	R3S2-01	1570763565	Refutation Text as an Assessment Tool in Exploring Misconceptions of Students
	10.20	R3S2-02	1570765442	Development of CT Using Need Assessment and Gamification: A Systematic Review
	10.40	R3S2-03	1570765594	STEM Activity Promoted Creative Thinking Skills: Case Study from a Pre-Service Teacher
	11.00	R3S2-04	1570765691	Predicting Google Classroom Acceptance and Use in STEM Education: Extended UTAUT2 Approach
	11.20	R3S2-05	1570769208	The Impact of University Facilities on Pre-Service Mathematics Teacher's Interest in Learning (a Case Study at Guangxi Normal University)
	11.40	R3S2-06	1570765649	Measurement of Students Learning Outcomes Through the Application of Smartphone Microscope
	12.00	R3S2-07	1570758964	Determination of Leadership Attributes for 4IR Engineering Graduates
	12.20	R3S2-08	1570762975	Designing a Blended Course
12.40	R3S2-09	1570770160	The Integration of STEM in Indonesia: Current Status and Future Prospects	