AEL2018 Program
August 22-25, 2018

Tentative Schedule

Session	August 23th, 2018 @Room 2
A1	**10:30 - 12:15** Session Chair: Dr. Baichang Zhong, China
1	An Augmented Reality-based Mobile Learning for A Personalized Learning in solar 3D system. Thitiporn Kansungnern and Orawan Boonkerd
2	Are STR & CAT-generated texts useful for attention and meditation of students during lectures in a foreign language Rustam Shadiev, Shavkat Sharipov, Narzikul Shadiev, Shahlo Rahimova, Bakhora Shadieva, Mirzaali Fayziev and Yueh-Min Huang
3	Exploring the Teaching Effect of Physical Robotics with the Intervention by Virtual Robotics Jijun Zheng, Haixue Wang and Baichang Zhong
4	A Collaborative Digital Game-Based Learning with a Management. Thapani Hengsanankun and Thitiporn Kansungnern
5	A Preliminary Study on Switching Roles in Pair Learning of Robotics Education Jiayu Wang and Baichang Zhong

A2	**13:00 - 14:30** Session Chair: Dr. Hsiu-Ping Yueh, Taiwan
6	Design Principles of Digital Library for the Visually Impaired Weijane Lin, Yi-Tseng Chang and Hsiu-Ping Yueh
7	Investigation of Inquiry Behaviors and Learning Achievement for Inclined Plane Experiment using Ubiquitous Physics App Siska Wati Dewi Purba and Wu-Yuin Hwang
*8	The research on the Design and Practice of Intelligent Learning Environment Based on Artificial Intelligence Shu Zhen Han, Yan Ma and Hui Li Hu
9	Problems and Countermeasures: Study on Blended Learning Design and Application Yuhui Jing, Xiaowei Zhao and Shusheng Shen
10	Study on Prediction Model of Blended Courses learners' continuance intention Yan Lijuan, Liu Yanshen and Liu Yi

A3	**14:40 - 16:10** Session Chair: Dr. Saranya Saetang, Thailand
11	The Knowledge Management Success Factors in Higher Education Institutes: the Students' Perspectives Saranya Saetang
12	Data Analysis on the Learner's Conceptual Interaction in MOOCs Forum Manyun Tang and Jiansheng Li
13	The Development of 21st Century Learning Skills that Emphasize Amusement by using Gamification Approach in Creative Youth Camp Suparp Kanyacome, Kriangkrai Promnaruritte and Werachai Thanamaimas
14	Building a Capability-Oriented Teaching Evaluation Visual Model - A Case Study of Two Courses En-Chi Chang and Shein-Yung Cheng

*15	Research on PBL-Based Maker Education Model Hui Li Hu, Yan Ma and Shu Zhen Han

A4	**16:10 - 17:30 Session Chair: Dr. Shian-Shyong Tseng, Taiwan**
17	The Learning Analysis of Applying the Video Annotation System into Elementary School English Courses Yuan-Lung Chang, Hong-Ren Chen, Tzu-Chu Lin and An-Ti Chang
18	Classification of germinated parboiled rice (Hang rice) Using Image Processing Technique Songgrod Phimphisan and Sarawoot Boonkirdram
19	Building a Board Game Assisted Design System Based on Design Thinking Approach Shian-Shyong Tseng, Tsung-Yu Yang and Ai-Chin Lu
20	The Application of PBL Teaching Model Based on MOOC in University Practical Courses Ke Gong

AI1	**August 24th, 8:50 - 9:40 Session Chair: Dr. Wu-Yuin Hwang, Taiwan**
	AEL Keynote Speaker:Prof. George Ghinea

Session	**August 24th, 2018 @Room 2**
A5	10:40 - 11:30 **Session Chair: Dr. Chaknarin Kongcharoen, Thailand**
22	Enhancing adaptivness for e-learning system by integrating with a Web-based instrument to detect learning style Ahmadaliev Doniyorbek, Chen Xiaohui, Murodjon Abduvohidov and Axmedov Shavkatbek
24	Automatic Detection of Defective Yellow Soybean Seeds using Image Processing Techniques and Decision Tree Walailuck Wongruen
25	Investigation of Visual Puppet Storytelling for Educating Elementary Students Chaknarin Kongcharoen and Athit Singnakrong

Session	**August 24th, 2018 @Room 5**
A6	10:40 - 11:30 **Session Chair: Dr. Jun-Ming Su, Taiwan**
26	A Scheme to Create Blockly-based Programming Learning Games for Elementary Students Jun-Ming Su, Wen-Ding Li, Meng-Jhen Li, Ting-Wei Lin and Xin-Yuan Zhuang
27	Implementation of Internet of Thing in Smart Small Greenhouse for Vegetable Safety Siriporn Sansri, Wu-Yuin Hwang, Chaknarin Kongcharoen, Pisit Hantongchai, Yuttana Koolsue and Parichat Tetsalee
28	Case Study of Learning Style Preference during Customer Experience Mapping Class Thanyalak Mueangkhot