The 12th Workshop of Knowledge Management & E-Learning
Keynote Seminar Series (*Online Workshop*)

Co-Organization by The University of Hong Kong and Beijing Normal University

Chairs: Prof. Maggie M. Wang (Director, KM&EL Lab) & **Prof. Shengquan Yu** (Executive Director, AICFE)

Program Chair: Dr. Lingyun Huang (RGC Postdoctoral Fellow)

Welcome Speech

Prof. Maggie M. Wang (Eastern Scholar Chair Professor, ECNU)
KM&EL Lab, Faculty of Education, The University of Hong Kong

Session 1 (*July 19 (Tue), 2022, 8:30AM-11:30AM*)

1. **Artificial Intelligence in Education and Its Impact on Self-Regulated Learning: Challenges and Opportunities**
Prof. Roger Azevedo (APA Fellow)
University of Central Florida

2. **How to Break a Prediction Model: Identifying and Supporting Postsecondary STEM Students Before They Fail**
Prof. Jeffrey A. Greene (APA Fellow)
McMichael Distinguished Professor, University of North Carolina at Chapel Hill

3. **Panel Discussion: Moderator Prof. Maggie M. Wang**

Session 2 (*July 25 (Mon), 2022, 8:30PM-11:30PM*)

1. **Theory Guided Approaches to uses of Artificial Intelligence in Education**
Prof. Susanne P. Lajoie (Fellow of the Royal Society of Canada; APA; AERA Fellow)
Canada Research Chair, McGill University

2. **Artificial Intelligence in Educational Computer Games: A Case of AutoThinking Game for Computational Thinking**
Dr. Danial Hooshyar
Associate Professor, Tallinn University

3. **Panel Discussion: Moderator Dr. Lingyun Huang**

Session 3 (*July 28 (Thu), 2022, 2:30PM-5:30PM*)

1. **Affective Tutoring System and Emotional Interaction between Human and Computer**
Prof. Hao-Chiang Koong Lin
Chair, Department of Information and Learning Technology, National University of Tainan

2. **A Math Intelligent Assessment and Tutoring System (MIATS) Based on Large-Scale Datamining**
Prof. Jiyou Jia
Head, Department of Educational Technology, Peking University

3. **Panel Discussion: Moderator Prof. Maggie M. Wang**

Contact: **Prof. Maggie M. Wang** (magwang@hku.hk)
Registration: email to kmellabworkshop2022@gmail.com

Program Managers: Miss Zhenjia Zhu (HKU), Miss Jiachen Song (BNU)

All are welcome!

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