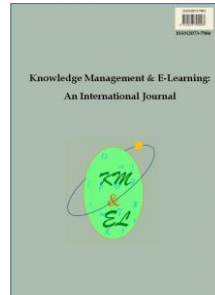

Knowledge Management & E-Learning



ISSN 2073-7904

Editor-in-Chief

Maggie M. Wang

The University of Hong Kong, Hong Kong

Co-Editor-in-Chief

Stephen J. H. Yang

National Central University, Taiwan

Managing Editor

Haijing Jiang

The University of Hong Kong, Hong Kong

Editorial Advisory Board

- | | |
|--|--|
| Neil Mercer
University of Cambridge, UK | J. Michael Spector (IBSTPI Fellow)
University of North Texas, USA |
| Paul A. Kirschner (AERA Fellow; ISLS Fellow)
Open University of the Netherlands, NL | Chin-Chung Tsai
National Taiwan Normal University, TW |
| Jeroen J. G. van Merriënboer (AERA Fellow)
Maastricht University, NL | Cher Ping Lim
The Education University of Hong Kong, HK |
| Jonathan Grudin (ACM Fellow; CHI Fellow)
Microsoft Research, USA | Wayne Wei Huang
Ohio University, USA |
| Fanny Klett (IEEE Fellow)
German Workforce ADL Partnership Laboratory, DE | Toshio Okamoto
University of Electro-Communications, JP |
| Dr. Kinshuk
University of North Texas, USA | Nian-Shing Chen
National Sun Yat-Sen University, TW |
| Michael J. Jacobson
The University of Sydney, AU | Rob Koper
Open University of the Netherlands, NL |
| Kuldeep Kumar
Florida International University, USA | Doug Vogel (AIS Fellow)
City University of Hong Kong, HK |
| Tefko Saracevic (ASIS Award of Merit)
Rutgers University, USA | Huaiqing Wang
City University of Hong Kong, HK |
| Kevin C. Desouza
Arizona State University, USA | Qiang Yang (IEEE; AAAI; AAAS; IAPR Fellow)
Hong Kong University of Science and Technology, HK |
| Jay Liebowitz
University of Maryland University College, USA | Demetrios G. Sampson
Curtin University, Australia |

Associate Editors

Patricia A. Abbott (ACMI Fellow; AAN Fellow)	Mark Klein
University of Michigan, USA	Massachusetts Institute of Technology, USA
Xun Ge	Andre W. Kushniruk (ACMI Fellow; CAHS Fellow)
University of Oklahoma, USA	University of Victoria, CA
Anders Morch	Jürgen Moormann
University of Oslo, NO	Frankfurt School of Finance & Management, DE
Shengquan Yu	Siu Cheung Kong
Beijing Normal University, CN	The Education University of Hong Kong, HK
Xiaochun Cheng	Jianwei Zhang
Middlesex University, UK	State University of New York at Albany, USA
Waltraut Ritter	Murali Raman
Knowledge Enterprises, HK	Multimedia Univeristy, MY
Rajiv Khosla	David Guralnick
La Trobe University, AU	Kaleidoscope Learning, New York, USA
Alexandra I. Cristea (BCS Fellow)	Dickson K. W. Chiu
University of Warwick, UK	The University of Hong Kong, HK
Michael Chau	Jiyou Jia
The University of Hong Kong, HK	Peking University, CN

Editorial Board Members

Irene Y. L. Chen	Sabine Graf
National Changhua University of Education, TW	Athabasca University, CA
Heinz Ulrich Hoppe	Elizabeth Borycki
University Duisburg-Essen, DE	University of Victoria, CA
Juanjuan Chen	Wan Ying Tay
The University of Hong Kong, HK	Ministry of Education, SG
Qiyun Wang	David M. Kennedy
Nanyang Technological University, SG	James Cook University, Singapore Campus, AU
Hokyin Lai	Chien-Sing Lee
Hong Kong Baptist University, HK	Universiti Tunku Abdul Rahman, MY
Xiaoqing Liu	Marcelo Milrad
Indiana University, USA	Linnaeus University, SE
Kiyoshi Nakabayashi	Eugenia M. W. NG
Chiba Institute of Technology, JP	The Education University of Hong Kong, HK
Mark E. Nissen	Ijaz A. Qureshi
Naval Postgraduate School, USA	The University of Lahore, PK
Xiaohui Zhao	Ming-Hsiung Ying
University of Canberra, AU	Chung-Hua University, TW
Mudasser F. Wyne	Yang-Hsueh Chen
National University, USA	National Chengchi University, TW
Bian Wu	Sun Joo Yoo
East China Normal University, CN	Samsung SDS, KR
Wenying Zhou	Jenny S. Wakefield
Michigan State University, USA	Dallas County Community College, USA
Jun Peng	Muhammad Shujahat
City University of Macau, MO	The University of Hong Kong, HK
Ibrahim Arpaci	Md. Abul Kalam Siddike
Gaziosmanpasa University, TR	University of Dhaka, BD

Contents

- 281 **Continuous-learning work environment: A study with developers in software development organizations**
Leticia Rodrigues da Fonseca, Marcelo Ribeiro Silva, Sheldon William Silva and Guilherme Marques Pereira
- 304 **Integrating inquiry learning and knowledge management into a flipped classroom to improve students' web programming performance in higher education**
Krittawaya Thongkoo, Patcharin Panjaburee and Kannika Daungcharone
- 325 **Effects of digital games on enhancing language learning in Tanzanian preschools**
Catherine Akoth Ongoro and Joseph W. Mwangoka
- 345 **Impact of self-regulated learning on academic performance and satisfaction of students in the online environment**
Adisa Ejubović and Adis Puška
- 364 **The effects of a new virtual learning platform on improving student skills in designing and producing online virtual laboratories**
Mohamed Elsayed Ahmed and Shinobu Hasegawa
- 378 **Fostering group creativity through design thinking projects**
Jeongmin Lee, Yeonji Jung and Seonghye Yoon
- 393 **E-waste disposal awareness among the Malaysian community**
Hanifah Mahat, Mohmadisa Hashim, Nasir Nayan, Yazid Saleh and Saiyidatina Balkhis Norkhaidi