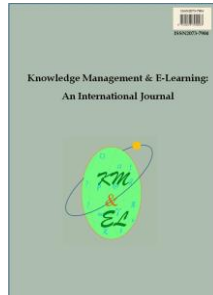

Knowledge Management & E-Learning



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) Open University of the Netherlands, NL	Chin-Chung Tsai National Taiwan University of Science and Technology, TW
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)
University of Michigan, USA
Xun Ge
University of Oklahoma, USA
Anders Morch
University of Oslo, NO
Shengquan Yu
Beijing Normal University, CN
Xiaochun Cheng
Middlesex University, UK
Waltraut Ritter
Knowledge Enterprises, HK
Rajiv Khosla
La Trobe University, AU
Alexandra I. Cristea (BCS Fellow)
University of Warwick, UK
Michael Chau
The University of Hong Kong, HK | Mark Klein
Massachusetts Institute of Technology, USA
Andre W. Kushniruk (ACMI Fellow; CAHS Fellow)
University of Victoria, CA
Jürgen Moormann
Frankfurt School of Finance & Management, DE
Siu Cheung Kong
The Education University of Hong Kong, HK
Jianwei Zhang
State University of New York at Albany, USA
Murali Raman
Multimedia University, MY
David Guralnick
Kaleidoscope Learning, New York, USA
Dickson K.W. Chiu
The University of Hong Kong, HK |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Editorial Board Members

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Irene Y.L. Chen
National Changhua University of Education, TW
Heinz Ulrich Hoppe
University Duisburg-Essen, DE
Jiyoun Jia
Peking University, CN
Qiyun Wang
Nanyang Technological University, SG
Jean H.Y. Lai
Hong Kong Baptist University, HK
Xiaoqing Liu
Indiana University, USA
Kiyoshi Nakabayashi
Chiba Institute of Technology, JP
Mark E. Nissen
Naval Postgraduate School, USA
Xiaohui Zhao
University of Canberra, AU
Mudasser F. Wyne
National University, USA
Bian Wu
The University of Hong Kong, HK
Wenying Zhou
Michigan State University, USA | Sabine Graf
Athabasca University, CA
Elizabeth Borycki
University of Victoria, CA
Wan Ying Tay
Ministry of Education, SG
David M. Kennedy
James Cook University, Singapore Campus, AU
Chien-Sing Lee
Sunway University, MY
Marcelo Milrad
Linnaeus University, SE
Eugenia M.W. NG
The Education University of Hong Kong, HK
Ijaz A. Qureshi
The University of Lahore, PK
Ming-Hsiung Ying
Chung-Hua University, TW
Yang-Hsueh Chen
National University of Tainan, TW
Sun Joo Yoo
Samsung SDS, KR
Jenny S. Wakefield
Dallas County Community College, USA |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Contents

- 128 **Qualitative and quantitative analysis of the students' perceptions to the use of 3D electronic models in problem-based learning**
Hai Ming Wong, Kuen Wai Ma, Yu Xin Yang, Cynthia Kar Yung Yiu and Yanqi Yang
- 143 **A generic model for the context-aware representation and federation of educational datasets: Experience from the dataTEL challenge**
Julien Broisin and Philippe Vidal
- 160 **Application of MOOCs for borrowers' financial education in microfinance**
Md. Abul Kalam Siddike, Youji Kohda and Monirul Hoque
- 177 **Measuring the moderating influence of gender on the acceptance of e-book amongst mathematics and statistics students at universities in Libya**
Asma Mohmead Smeda, Mohd Fairuz Shiratuddin and Kok Wai Wong
- 200 **The impact of knowledge management system quality on the usage continuity and recommendation intention**
Eko K. Budiardjo, Gilang Pamenan, Achmad Nizar Hidayanto, Dr. Meyliana and Ervi Cofriyanti
- 225 **The impact of intellectual capital on performance: Evidence from the public sector**
Assaad Farah and Shadi Abouzeid
- 239 **Application of ICT tools in communicating information and knowledge to artisanal fishermen communities in Zanzibar**
Ronald Benard and Frankwell Dulle