

Contents

Keynotes

Blended Learning as Means of Support Within the Elderly People Education	3
<i>Petra Poulova and Ivana Simonova</i>	
Promoting Citizen's Learning Experience in Smart Cities	15
<i>Ronghuai Huang, Rongxia Zhuang, and Junfeng Yang</i>	
International Collaborative Project-Based Learning: How Did US and Japanese Students Learn Together at a Distance When Supported by ICT? . .	26
<i>Kenichi Kubota</i>	

Experiences in Blended Learning

A Review of Learning Behaviors in Using E-Schoolbag: Enhancing Academic Performance in Primary Chinese	41
<i>Yan Keung Hui, Bo Mai, Sheng Qian, and Lam For Kwok</i>	
Blended Learning in the University English Courses: Case Study	53
<i>Blanka Klimova, Ivana Simonova, and Petra Poulova</i>	
College Students' Computer Self-efficacy, Intrinsic Motivation, Attitude, and Satisfaction in Blended Learning Environments.	65
<i>Yanhong Li, Harrison Hao Yang, Jin Cai, and Jason MacLeod</i>	
A Survey on Teachers' Ability to Apply Electronic Schoolbag into Teaching	74
<i>Qinlei Wang, Jing Bai, and Rui Yao</i>	
The Findings of Multi-mode Blended Learning in K-12: A Case Study of V-China Education Program	84
<i>Yushun Li, Meiqin Wu, Jinrui Dai, and Shengri Chen</i>	
E-learning in Accounting Programmes in Hong Kong: Evolution and Effectiveness	97
<i>Billy Tak-Ming Wong, Kam Cheong Li, Beryl Yuen-Yee Wong, and Joseph Shiu-Wing Yau</i>	
Japanese Students' Utilization of Courseware in a Blended Learning Environment	106
<i>Yoko Hirata and Yoshihiro Hirata</i>	

Blended Learning as a Mover in the Tourism&Management Study Programme?	118
<i>Ivana Simonova</i>	
A Blended-Experiential Learning Model: An Action Research Case Study . . .	129
<i>Ivan Ka-wai Lai, Kwan-keung Ng, and Joseph Shi-piu Fong</i>	
Prior Knowledge Dwarfs Hard Work in Achieving Academic Performance. . .	139
<i>Oliver Au, Raymond So, and Lap Kei Lee</i>	
Strategies in Blended Learning	
Research on Blended Learning Model Based on Electronic Schoolbag.	151
<i>Min-sheng Fan, Ming Liu, and Yu Wang</i>	
Learning Analytics for Monitoring Students Participation Online: Visualizing Navigational Patterns on Learning Management System	166
<i>Leonard K.M. Poon, Siu-Cheung Kong, Thomas S.H. Yau, Michael Wong, and Man Ho Ling</i>	
Construction of the 3L5G Task-Driven Instructional Model: Fostering Computational Thinking of Junior High School Students in an Application Software Course	177
<i>Yi Fan and Xiaotong Yang</i>	
The Enlightenment of Learning Sciences to Blended Learning	187
<i>Rong Miao and Qian Dong</i>	
The Design and Development of Intellectual Skills Assessment App of Pupils in U-Learning Environment	199
<i>Qiwen Guan, Jiaxin Liu, Xiaoling Huang, Jiehua He, Wei Li, and Chuangxin Sheng</i>	
Assessment for Blended Learning	
Online Learning Activity Index (OLAI) and Its Application for Adaptive Learning	213
<i>Jiyou Jia and Yueyang Yu</i>	
Analysis on the Effect of Knowledge Sharing in Network Learning Space - A Case Study of Teachers' Workshop	225
<i>Qingtang Liu, Hong Wang, and Si Zhang</i>	
Topic Classification on Short Reflective Writings for Monitoring Students' Progress.	236
<i>Leonard K.M. Poon, Zichao Li, and Gary Cheng</i>	

Evaluation of Stress Conditions for FIM UHK Students in Order to Improve Blended Learning and Flexibility of Educational Process	247
<i>Věra Štrnadová, Petr Voborník, Jiří Haviger, and Kateřina Provazníková</i>	
Effects of Mobile Apps on Learning Motivation and Study Performance of Nursing Students	259
<i>Kam Cheong Li, Linda Yin-King Lee, Suet-Lai Wong, Ivy Sui-Yu Yau, and Billy Tak-Ming Wong</i>	
Computer-Support Collaborative Learning	
Empirical Study on Google Earth (GE)-Integrated Science Lessons: Cases from Two Chinese Elementary Schools.	273
<i>Xiuli Cheng, Yuqing Guo, and Yan Li</i>	
A Study on Grouping Strategy of Collaborative Learning Based on Clustering Algorithm	284
<i>Qingtang Liu, Shen Ba, Jingxiu Huang, Linjing Wu, and Chuanyuan Lao</i>	
The Study on the Roles in the Practical Applying Oriented Asynchronous Collaborative Learning Network	295
<i>Bo Liu, Huijie Cui, Xiao Liu, and Changqin Huang</i>	
Using Blended Learning for Collaborative Learning in Herbal Medicine	307
<i>Verayuth Lertnattee and Bunyapa Wangwattana</i>	
Interactive Whiteboard-Based Instruction Versus Lecture-Based Instruction: A Study on College Students' Academic Self-efficacy and Academic Press	319
<i>Yinghui Shi, Changling Peng, Xue Zhang, and Harrison Hao Yang</i>	
Improved Flexibility of Learning Processes	
Investigation of the ICT Situation in Chinese Primary School: The Role of School Characteristics	331
<i>Congcong Li, Wenting Zhou, Chun Lu, and Di Wu</i>	
Blended Learning for Improving Flexibility of Learning Structure Query Language (SQL)	343
<i>Verayuth Lertnattee and Perayot Pamonsinlapatham</i>	
A Hand-Waving Dance Teaching System Based on Kinect.	354
<i>Qingtang Liu, Shufan Yu, Yang Wang, Huixiao Le, and Yangyang Yuan</i>	
Design of a Mobile Handwriting Test Revision System for Cognitive Apprenticeship Instruction Model in Mathematics Learning	366
<i>Hung-Hsu Tsai, Jie-Yan Peng, You-Ming Yong, Chun-Shan Wang, and Pao-Ta Yu</i>	

The Remote Synchronous Classroom in China	379
<i>Jin Cai, Harrison Hao Yang, Yanhong Li, and Jason MacLeod</i>	

Open Educational Resources

Distance-Learning Students' Perception on the Usefulness of Open Educational Resources	389
<i>Simon K.S. Cheung</i>	

Learning Experience Questionnaire for Multimedia Case-Based Instruction: Development, Validation and Implications for Design	400
<i>Tingting Yang and Heng Luo</i>	

Research on Open University Online Courses Learning Support Service (OCLSS) from the Perspective of Ubiquitous Learning	412
<i>Xianyue Wu, Yi Qiu, Youru Xie, Huiyan Zhang, and Lihong Wu</i>	

Analysis on the Development of Educational Resources in the Open Universities in China	425
<i>Shijie Li, Xianyue Wu, Yi Qiu, Lihong Wu, and Pengyu Chen</i>	

Improving Video Engagement by Gamification: A Proposed Design of MOOC Videos	433
<i>Yun Zhu, Leisi Pei, and Junjie Shang</i>	

Pedagogical and Psychological Issues

A Review on Recent Development of the Involvement Load Hypothesis	447
<i>Haoran Xie, Di Zou, Fu Lee Wang, and Tak-Lam Wong</i>	

A Curriculum Design to Cultivate Creative Thinking Through Educational Games	453
<i>Sijie Ma, Junjie Shang, and Haiming Xiao</i>	

Deployment of Cognitive and Affective Determinants in Blended Learning - Case Study	464
<i>Miloslava Černá</i>	

The Influence of Different Personality Traits on Learning Achievement in Three Learning Situations	475
<i>Lu Wang, Yuan Tian, Yuju Lei, and Zongkui Zhou</i>	

Author Index	489
-------------------------------	-----

Blended Learning. New Challenges and Innovative Practices

10th International Conference, ICBL 2017, Hong Kong, China, June 27-29, 2017, Proceedings

Cheung, S.K.S.; Kwok, L.-f.; Ma, W.W.K.; Lee, K.L.-K.; Yang, H. (Eds.)

2017, XIV, 490 p. 129 illus., Softcover

ISBN: 978-3-319-59359-3