## Contents

Does Character’s Visual Style Affect Viewer’s Perception of Signing Avatars? ................................................................. 1  
   *Nicoletta Adamo-Villani, Jason Lestina, and Saikiran Anasingaraju*

Assessing the Usability of Learning Management System: User Experience Study ................................................................. 9  
   *Maha M. Althobaiti and Pam Mayhew*

A Service-Oriented Distributed Learning Environment for Manufacturing Workplaces .................................................. 19  
   *Stefano Bianchi, Michele Sesana, Maurizio Megliola, Kaj Helin, Jaakko Karjalainen, and Fridolin Wild*

Personalization of Foreign Language Education in the LMS Moodle Environment ............................................................... 27  
   *Vladimir Bradáč, Pavel Smolka, and Cyril Klimeš*

Automation of Variant Preparation and Solving Estimation of Algorithmic Tasks for Virtual Laboratories Based on Automata Model .................................................. 35  
   *Mikhail S. Chezhin, Eugene A. Efimchik, and Andrey V. Lyamin*

Assessing Students and Teachers Experience on Simulation and Remote Biotechnology Virtual Labs: A Case Study with a Light Microscopy Experiment ............................................................. 44  
   *Shyam Diwakar, Rakhi Radhamani, Hemalatha Sasidharakurup, Dhanush Kumar, Nijin Nizar, Krishnashree Achuthan, and Bipin Nair*

Students’ Acceptance of Peer Review .................................................. 52  
   *Veronika Dropčová, Martin Homola, and Zuzana Kubincová*

Investigating the Digital Literacy Needs of Healthcare Students: Using Mobile Tablet Devices for the Assessment of Student-Nurse Competency in Clinical Practice .................................................. 60  
   *George Evangelinos and Debbie Holley*

Student Engagement in an Online Environment: Are We Trying to Mimic Contact Education? A South African Perspective .................. 68  
   *Sunet Eybers and Apostolos (Paul) Giannakopoulos*

The Impact of Mobile Technology in Education: A Focus on Business Information Systems at the International University of Management in Namibia .................................................. 76  
   *Zanele Mlotshwa and Apostolos (Paul) Giannakopoulos*
Making Neuroscience Important and Relevant: Online Learning in an Innovative Bachelor of Dementia Care Program
Lynette Goldberg, Andrea Carr, Alison Canty, Shannon Klekociuk, David Ward, Lila Landowski, Carolyn King, Fran McInerney, and James Vickers

E-learning Project Assessment Using Learners’ Topic in Social Media
Adriana Caione, Anna Lisa Guido, Roberto Paiano, Andrea Pandurino, and Stefania Pasanisi

Enhancing Student Support with a Virtual Assistant
Pirkko H. Harvey, Edward Currie, Padma Daryanani, and Juan C. Augusto

Using Augmented Reality to Engage STEM Students with an Authentic Curriculum
Mike Hobbs and Debbie Holley

Engaging Our School Teachers: An Augmented Reality (AR) Approach to Continuous Professional Development
Debbie Holley and Philip Howlett

Self-directed Learning in e-Portfolios: Design Issues and Investigation of Students’ Performance
Athanassios Jimoyiannis and Panagiotis Tsiotakis

XML Based Pre-processing and Analysis of Log Data in Adaptive E-Learning System: An Algorithmic Approach
Sucheta V. Kolekar, Radhika M. Pai, and M.M. Manohara Pai

Open Badges: Encouraging Participation in Software Development Modules
Bobby Law

MOOCs Scenarios and Learning Recognition. A Step Further?
Luigi Guerra, Maurizio Betti, and Luca Ferrari

Big Data and Organizational Learning: Conceptualizing the Link
John Serbe Marfo and Richard Boateng

Fostering Collective Intelligence Education
Jaime Meza, Josep M. Monguet, Francisca Grimón, and Alex Trejo

Change of Attitude in Class for Creating Slides to Present Product
Isao Miyaji
Students’ Perception of Privacy Risks in Using Social Networking Sites for Learning: A Study of Uganda Christian University

Francis Otto, Nurul Amin Badrul, Shirley Williams, and Karsten Øster Lundqvist

Using Social Networking Tools for Teaching and Learning: A Perspective of University Lecturers and Students

Francis Otto, Shirley Williams, and Karsten Øster Lundqvist

Student Action Prediction for Automatic Tutoring for Procedural Training in 3D Virtual Environments

Diego Riofrio-Luzcando and Jaime Ramirez

Utilizing LMS Tools to Help with Student Assessment

Dudley Turner

Author Index
E-Learning, E-Education, and Online Training
Second International Conference, eLEOT 2015,
Novedrate, Italy, September 16-18, 2015, Revised
Selected Papers
Vincenti, G.; Bucciero, A.; Vaz de Carvalho, C. (Eds.)
2016, XIII, 218 p. 57 illus., Softcover
ISBN: 978-3-319-28882-6