Contents

Scripted Animation Towards Scalable Content Creation for eLearning—A Quality Analysis .............................................................. 1
   Nicoletta Adamo-Villani, Jian Cui, and Voicu Popescu

E-Learning Repository System for Sharing Learning Resources Among Saudi Universities ......................................................... 10
   Ayidh Alanazi and Maysam Abbod

Lecturers’ Attitude to Social Network Media: Implication for Accessibility and Usability Need in Open and Distance Education .......... 19
   Apata Funke Susan

Introducing Online Learning in a Small Organization: The Case of the Diplomatic Institute of the Italian Ministry of Foreign Affairs .......... 30
   Stefano Baldi

Building a Mobile Collaborative Learning Environment for the Identification and Classification of Real World Objects ............... 41
   Otto Borchert and Brian M. Slator

The PoSE Project: An Innovative Approach to Promote Healthy Postures in Schoolchildren ............................................................ 49
   Ilaria Bortone, Alberto Argentiero, Nadia Agnello, Valentina Denetto, Cosimo Neglia, and Marco Benvenuto

Experiential and Transformative Learning in an Informal Online Learning Environment: An Approach to Initiate Sustainable Changes 58
   Efua Akoma, Nichole Boutte-Heiniluoma, and Jacquelyn Petrovic

Legal Risk Management: A Best Practice for e-Learning Legal Issues ................................................................. 63
   Carlo Bucciero

From Planning to Launching MOOCs: Guidelines and Tips from GeorgetownX ............................................................... 68
   Dedra Demaree, Anna Kruse, Susan Pennestri, Janet Russell, Theresa Schlaflly, and Yianna Vovides

Computer Animation for Learning Building Construction Management: A Comparative Study of First Person Versus Third Person View 76
   Hazar N. Dib, Nicoletta Adamo-Villani, and Jun Yu

A Qualitative Exploration of the EU Digital Competence (DIGCOMP) Framework: A Case Study Within Healthcare Education .......... 85
   George Evangelinos and Debbie Holley
An Innovative Educational Format Based on a Mixed Reality Environment:
A Case Study and Benefit Evaluation .............................. 93

Alessandro Fiore, Luca Mainetti, and Roberto Vergallo

Virtual, Immersive, Translational, Applied Learning: The VITAL Project.... 101

Charles S. Layne, Lisa Alastuey, Amber M. Chelette, Anne Ogborn,
Tracey A. Ledoux, Prashant Mutgekar, Rebecca E. Lee, and Brian K. McFarlin

Guess the Score, Fostering Collective Intelligence in the Class ............. 116

Josep M. Monguet and Jaime Meza

A Way of Supporting Non-Arabic Speakers in Identifying Arabic Letters
and Reading Arabic Script in an E-Learning System ........................ 123

Ahmed Mosa and Kakehi Katsuhiko

Social Collaborative e-Learning in Higher Education: Exploring the Role
of Informal Learning .................................................... 130

Francis Otto and Shirley Williams

Virtual Labs Improve Student’s Performance in a Classroom ................ 138

Rakhi Radhamani, Hemalatha Sasidharakurup, Gopika Sujatha,
Bipin Nair, Krishnashree Achuthan, and Shyam Diwakar

Segmented and Interactive Modules for Teaching Secure Coding: A Pilot Study ... 147

Sagar Raina, Siddharth Kaza, and Blair Taylor

From the First Generation of Distance Learning to Personal Learning
Environments: An Overall Look ......................................... 155

Andrea Santo-Sabato and Marta Vernaleone

Inter-University International Collaboration for an Online Course: A Case Study ... 159

Claudia Igbrude, John O’Connor, and Dudley Turner

Smart e-Learning as a Student-Centered Biotechnical System ............. 167

Vladimir Uskov, Andrey Lyamin, Lubov Lisitsyna, and Bhuvana Sekar

Author Index ............................................................... 177
E-Learning, E-Education, and Online Training
First International Conference, eLEOT 2014, Bethesda, MD, USA, September 18–20, 2014, Revised Selected Papers
Vincenti, G.; Bucciero, A.; Vaz de Carvalho, C. (Eds.)
2014, XII, 177 p. 38 illus., Softcover
ISBN: 978-3-319-13292-1