10th European Conference on e-Learning

(ECEL 2011)

Brighton, United Kingdom
10-11 November 2011

Volume 1 of 2

Editors:

Sue Greener **Asher Rospigliosi**

ISBN: 978-1-63439-581-6

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© The Authors, (2011). All Rights Reserved.

No reproduction, copy or transmission may be made without written permission from the individual authors.

Papers have been double-blind peer reviewed before final submission to the conference. Initially, paper abstracts were read and selected by the conference panel for submission as possible papers for the conference.

Many thanks to the reviewers who helped ensure the quality of the full papers.

Printed by Curran Associates, Inc. (2014)

Published by Academic Conferences Ltd.
Curtis Farm Kidmore End
Reading RG4 9AY UK

Phone: 441 189 724 148
Fax: 441 189 724 691

info@academic-conferences.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Contents

Paper Title	*Author(s)*	Page No.
Preface		xi
Biographies of Conference Chairs, Programme Chair, Keynote Speaker and Mini-track Chairs		xii
Biographies of Contributing authors		xiv
Revisiting the Personal Transferable Skills Debate - an eLearning Pedagogical Perspective	*Samuel Adu Gyamfi, Lene Tolstrup Sorenson and Thomas Ryberg*	1
Survey of Teachers' use of Computer/Internet in Secondary Schools in South West Nigeria	*Babatunde Alabi Alege and Stephen Olufemi Afolabi*	8
Issues and Challenges in Implementing eLearning Projects in Higher Education: The Case of Jordan	*Hussein Al-Yaseen, Saheer Al-Jaghoub and Nidal Al-Salhi*	16
The use of Open Educational Resources in Intra-Organisational eLearning and Continuing Education	*Antonios Andreatos*	23
Constructing a Survey Instrument for Assessing Characteristics of Effective Online Teachers	*Jonathan Barkand*	34
When Agents Make Suggestions About Readings	*Orlando Belo*	41
Some Reflections on the Evaluation of Virtual Learning Environments	*Nabil Ben Abdallah and Françoise Poyet*	48
Designing A New Curriculum: Finding The Right Blend	*Andrea Benn*	56
Critical Success Factors for the Adoption of eLearning in the Kingdom of Saudi Arabia Educational Institutions	*Latefa Bin Fryan and Lampros Stergioulas*	63
Challenges in Developing e-Submission Policy and Practice	*Alice Bird*	73
Enhancement of e-Testing Possibilities With the Elements of Interactivity Reflecting the Students' Attitude to Electronic Testing	*Martin Cápay, Martin Magdin and Miroslava Mesárošová*	82
e-Assessment Using Digital Pens – a Pilot Study to Improve Feedback and Assessment Processes	*Tim Cappelli*	91
Digital Educational Resources Repositories in Lower and Middle Education in Portugal: Quality Criteria in the International Context	*Cornélia Castro, Sérgio André Ferreira and António Andrade*	100
eLearning: Roles in Distance Tertiary Education	*Ivana Cechova, Dana Zerzanova and Jana Berankova*	109
Independent Learning in Need or in Crisis? Independent Learning Under the new Four-Year Undergraduate Curriculum in Hong Kong	*Yin Ha Vivian Chan, Delian Dawn Gaskell, Mei Ah Tan and Lip Yan Felix Chao*	117
The Development and Application of a web Based Metacognitive Mapping Tool	*Serdar Çiftci and Mehmet Akif Ocak*	124
An Exploratory Comparative Study of Distance-Learning Programmes	*Marija Cubric, Karen Clark and Mariana Lilley*	134
The Optimal Teaching Style Based on Variability of Study Materials	*Blanka Czeczotková, Kateřina Kostolányová and Jana Šarmanová*	145

Paper Title	*Author(s)*	Page No.
Changing Academics, Changing Curriculum: How Technology Enhanced Curriculum Design can Deliver Strategic Change	*Christine Davies*	152
Web Conferencing for us, by us and About us – the Leeds Met Elluminate User Group	*Mark de Groot, Gill Harrison and Rob Shaw*	156
Tools for Evaluating Students' Work in an Interactive (Open) Virtual Space: Case Study of an eLearning Course in an International Network of Universities	*Jana Dlouhá, Martin Zahradník, Jiří Dlouhý and Andrew Barton*	166
Putting Things in Context - Designing Social Media for Education	*Jon Dron, Terry Anderson and George Siemens*	177
Experimental Assessment of Virtual Students	*Michaela Drozdová, Ondřej Takács and Jana Šarmanová*	186
Priming for Modules: A Case Study Evaluation of 'Pre-Workshop' Online Resources for an Executive MBA Course	*Glenn Duckworth*	195
Computer-Mediated Reading and its Impact on Learners' Reading Comprehension Skills	*Francisco Perlas Dumanig, Maya Khemlani David and Rodney Jubilado*	203
Do you see What I see? - Understanding the Challenges of Colour-Blindness in Online Learning	*Colin Egan, Amanda Jefferies, Edmund Dipple and David Smith*	210
Researching in the Open: How a Networked Learning Instance can Challenge Ethical Decision-Making	*Antonella Esposito*	218
Making Constraints and Decisions Explicit to Support Project-Based Collaborative Learning	*Gert Faustmann*	225
A Strategy for the Inductive Generation of Learning Objects in Low-Tech Contexts	*Ana Mª Fernández-Pampillón, Elena Domínguez, José Mª Lahoz, Dolores Romero, Isabel de Armas, Susana Palmaz and Jorge Arús*	235
Cognitive Communication 2.0 in the Classroom – Resonance of an Experience in Higher Education	*Sérgio André Ferreira, Cornélia Castro and António Andrade*	246
To What Extent Does a Digital Audio Feedback Strategy Support Large Cohorts?	*Rachel Fitzgerald*	256
Messages of Support: Using Mobile Technologies to Support the Transition of Students on Articulation Routes From Higher National Level to Degree	*Julia Fotheringham and Emily Alder*	266
Blended Learning at the Alpen-Adria-Universität Klagenfurt	*Gabriele Frankl and Sofie Bitter*	274
Evaluating the use of Social Networking Sites as a Tool for Knowledge Sharing for Developing Higher Education in Developing Countries: An Exploratory Study of Egypt and Iraq	*Elaine Garcia, Ibrahim Elbeltagi, Sawasn Al-Husseini and Ahmed Abdelkader*	284
The Relationship Between Mindful Learning Processes and Course Outcomes in Web-Based Learning	*Danny Glick and Roni Aviram*	295
Researching and Sharing – Business School Students Creating a Wiki Glossary	*Andrea Gorra and Ollie Jones*	303

Paper Title	*Author(s)*	Page No.
A Qualitative Evaluation of Academic Staff's Perceptions of Second Life as a Teaching Tool	*Rose Heaney and Megan Anne Arroll*	311
Introducing and Using Electronic Voting Systems in a Large Scale Project With Undergraduate Students: Reflecting on the Challenges and Successes	*Amanda Jefferies*	319
A Methodology for Incorporating Usability and Accessibility Evaluations in Higher Education	*Anne Jelfs and Chetz Colwell*	326
The Virtual Learning Environment - Directions for Development in Secondary Education	*John Jessel*	332
Mutlimodal Teaching Through ICT Education: An e-Twinning Program as a Case Study of Intercultural Exchange	*Paraskevi Kanari and Georgios Potamias*	340
Effectiveness and Learners' Evaluation of Combining Audio and Written Online Formative Feedback for Language Learning	*Rosario Kane-Iturrioz*	345
Model of eLearning Project Evaluation	*Jana Kapounova, Jana Sarmanova and Marketa Dvorackova*	355
Bridging the Gap – From Teacher to eTeacher	*Andrea Kelz*	363
Open Courses: The Next big Thing in eLearning?	*Kaido Kikkas, Mart Laanpere and Hans Põldoja*	370
Using a Social Networking Environment to Facilitate Transition Into Higher Education	*John Knight and Rebecca Rochon*	377
Evaluation of the Quality of Learning Scenarios and Their Suitability to Particular Learners' Profiles	*Eugenijus Kurilovas, Inga Zilinskiene and Natalija Ignatova*	380
Models of eLearning: The Development of a Learner-Directed Adaptive eLearning System	*Stella Lee, Trevor Barker, and Vive Kumar*	390
Can eLearning Enhance Practice-Based Design Courses?	*Jake Leith, Joanna Zara and Malcolm McInnes*	399
Sophisticated Usability Evaluation of Digital Libraries	*Stephanie Linek and*	408
Social Networks, eLearning and Internet Safety: Analysing the Stories of Students	*Birgy Lorenz, Kaido Kikkas and Mart Laanpere*	416
Learning Management Versus Classroom Management in Technology-Supported Blended Learning	*Arno Louw*	423
How to Represent a Frog That can be Dissected in a Virtual World	*Robert Lucas*	434
Learning by Wandering: Towards a Framework for Transformative eLearning	*Marie Martin and Michaela Noakes*	442
Online Student Engagement: Unfulfilled Promises or Promises Unfulfilled?	*Linda Martin, Gary Spolander, Imran Ali and Beulah Maas*	449
Personalized e-Feedback and ICT	*Maria-Jesus Martinez-Argüelles, Josep-Maria Batalla-Busquets, Patricia Noguera-Guerra and Ernest Pons-Fanals*	456

Paper Title	*Author(s)*	Page No.
Evaluation of Multimedia Tools and e-Feedback in Virtual Learning Environments	*Maria-Jesús Martínez-Argüelles, Marc Badia-Miro, Carolina Hintzmann and Dolors Plana-Erta*	465
Cyberbullying: A Workplace Virus	*David Mathew*	473
Learning in Smart Environments – From Here to There	*Peter Mikulecky*	479
Using Courseware for More Than Courses: You May Already Hold the Lease on a Versatile Virtual Meeting Space	*Karen Hughes Miller and Linda Leake*	485
An Analysis of Collaborative Learning as a Prevalent Instructional Strategy of South Africa Government eLearning Practices	*Peter Mkhize, Magda Huisman and Sam Lubbe*	492
Ideas for Using Critical Incidents in Oral Debriefing From a Business Strategy Simulation Game	*Jonathan Moizer and Jonathan Lean*	502

Volume Two		
eNOSHA and Moodle – the Integration of two eLearning Systems	*Peter Mozelius, Isuru Balasooriya and Enosha Hettiarachchi*	509
CASE Learning to Structure and Analyze a Legal Decision	*Antoinette Muntjewerff*	517
A Framework for Decision Support for Learning Management Systems	*Phelim Murnion and Markus Helfert*	526
Learning for Life - Building Blocks to Holistic Education	*Shekhar Murthy and Devi Murthy*	535
Student's Characteristics for Note Taking Activity in a Fully Online Course	*Minoru Nakayama, Kouichi Mutsuura and Hiroh Yamamoto*	550
Freeing Education Within and Beyond Academic Development	*Chrissi Nerantzi*	558
Why Recording Lectures Requires a new Approach	*Paul Newbury, Phil Watten, Patrick Holroyd and Clare Hardman*	567
eSubmission – UK Policies, Practice and Support	*Barbara Newland, Lindsay Martin and Andy Ramsden*	578
Harnessing the Internet for Authentic Learning: Towards a new Higher Education Paradigm for the 21st Century	*Abel Nyamapfene*	586
Motivational Predictors of Academics' Electronic: Publishing in Nigerian Colleges of Education	*Maruff Akinwale Oladejo and Adelua Olajide Olawole*	593
Psycho-Social Predictors of Students With Disabilities' eLearning: Usage at the Federal College of Education (Special), Nigeria	*Adelua Olajide Olawole and Maruff Akinwale Oladejo*	601
An Integrated Environment for Providing Learning Style Information in a Unified Manner	*Fatemeh Orooji, Fattaneh Taghiyareh and Zahra Rahimi*	609
Using Lifeworld-led Multimedia to Enhance Learning	*Andy Pulman, Kathleen Galvin, Maggie Hutchings, Les Todres, Anne Quinney, Caroline Ellis-Hill and Peter Atkins*	620

The Project Mobile Game Based Learning	*Thomas Putz*	628
Using the Common Cartridge Profile to Enhance Learning Content Interoperability	*Ricardo Queirós and José Paulo Leal*	637
The Design and Development of an eLearning System Based on Social Networking	*Andrik Rampun and Trevor Barker*	646
Kansei Design Model for eLearning: A Preliminary Finding	*Fauziah Redzuan, Anitawati Mohd Lokman, Zulaiha Ali Othman and Salha Abdullah*	658
Changing Teacher Beliefs Through ICT: Comparing a Blended and Online Teacher Training Program	*Bart Rienties, Simon Lygo-Baker, Natasa Brouwer and Danielle Townsend*	670
Moodle and Affective Computing: Knowing who´s on the Other Side	*Manuel Rodrigues, Florentino Fdez-Riverola and Paulo Novais*	678
Using Google Applications to Facilitate an Effective Students' Collaboration in the Teaching of Informatics to Students of Secondary Education	*Eleni Rossiou and Erasmia Papadopoulou*	686
Training Methods and Tools: Could eLearning be a Viable Solution to Solve SMEs Training Problems?	*Andrée Roy*	697
Using Blended Learning to Develop Critical Reading Skills	*Zuzana Šaffková*	705
A Mobile aid Tool for Crafting Active Learning Experiences	*Ahmed Salem*	716
King-Sized eLearning - how Effective can an Online Approach be for Large Module Groups?	*Marie Sams, Mary Crossan and Kate Mottram*	724
Designing Effective Online Group Discussions	*Rowena Santiago, Amy Leh, and Minoru Nakayama*	731
The Game and the Alternating Roles of Learner/Teacher as Facilitators of the Learning Process in Organizations	*Vitor Santos and Luis Amaral*	739
Implementing and Evaluating Problem-Based Virtual Learning Scenarios	*Maggi Savin-Baden, Cathy Tombs and Katherine Wimpenny*	746
The Evolution of eLearning Platform TESYS User Preferences During the Training Processes	*Adriana Schiopoiu Burlea, Amelia Badica and Carmen Radu*	754
Teachers' Skills set for Personal Learning Environments	*Zaffar Ahmed Shaikh and Shakeel Ahmed Khoja*	762
Bridging the Feedback Divide Utilising Inclusive Technologies	*Angela Shapiro and Aidan Johnston*	770
Post-Academic Masters Course in Management of Transfusion Medicine: Why the Difference in Access to the eLearning Between Countries?	*Cees Th. Smit Sibingal*	776
Engagement With Students in 'Middle Ground': A Flexible Learning Environment Allowing Simultaneous Access to Social Networking Sites and Formal Academic Space	*Anne Smith and Sonya Campbell*	780
The Learning Management System as a Social Mediator: A Story With a Happy Ending	*Dina Soeiro, António Dias de Figueiredo and Joaquim Armando Gomes Ferreira*	788
Can the Medium Extend the Message? Using Technology to Support and Enhance Feedback Practices	*Mekala Soosay*	794

Implementation and Analysis of an Online, Student Centred Learning Environment to Support Personalised Study	*Iain Stewart, William McKee and Kevin Porteous*	802
The Danger of the Downward Spiral: Teachers and Digital Literacy	*Caroline Stockman and Fred Truyen*	811
PeerWise - The Marmite of Veterinary Student Learning	*Amanda Sykes, Paul Denny and Lesley Nicolson*	820
iSELF: An Internet-Tool for Self-Evaluation and Learner Feedback	*Nicolet Theunissen and Hester Stubbé*	831
Using a Learning Management System for Executing Role Play Simulations	*Tone Vold*	841
The Effects of Self-Directed Learning Readiness on Learning Motivation in Web 2.0 Environments	*Chien-hwa Wang and Cheng-ping Chen*	846
Usage Cases: A Useful way to Improve Effectiveness of eLearning web Based Platforms	*Cristina Wanzeller and Orlando Belo*	854
The Virtual Path to Academic Transition: Enabling International Students to Begin Their Transition to University Study Before They Arrive	*Julie Watson*	862
Identifying and Locating Frames of Reference to Inform the Design of Virtual Worlds in Higher Education	*Katherine Wimpenny, Maggi Savin-Baden, Matt Mawer, Nicole Steils and Gemma Tombs*	870
Reaction Lecture: Text Messaging to Increase Student Engagement in Large-Scale Lectures	*Koos Winnips, Joost Heutink, and Hans Beldhuis*	878
A Holistic Approach to Instructional Design for Blended Learning Environments	*Li Zhong Zhang*	886
PhD Papers		895
Evaluating the Impact of an Arabic Version of an Adaptive Learning System Based on the Felder-Silverman's Learning Style Instrument	*Nahla Aljojo, Carl Adams, Huda Saifuddin and Zainab Alsehaimi*	897
Negotiating Doctoral Practices and Academic Identities Through the Adoption and Use of Social and Participative Media	*Andy Coverdale*	909
Enabling Disruptive Technologies for Higher Education Learning and Teaching	*Michael Flavin*	917
Exploring the Potential of a Mobile Computer lab in a Developmental Context: The Teacher's Perspective	*Fortunate Gunzo and Lorenzo Dalvit*	925
Collaborative eLearning in a Developing Country: A University Case Study in Uganda	*Evelyn Kigozi Kahiigi, Henrik Hansson, Mats Danielson, F.F Tusubira and Mikko Vesisenaho*	932
Applying the Multimedia Learning Theory in the Primary School: An Experimental Study About Learning Settings Using Digital Science Contents	*Fabio Serenelli, Enrico Ruggeri, Andrea Mangiatordi and Paolo Ferri*	943
Designing a U-Learning Course Platform for the Identified Teacher Training Needs	*Nazime Tuncay and Hüseyin Uzunboylu,*	953
Work In Progress Papers		971
Someone to Talk to – Using Automated Characters to Support Simulated Learning Activities	*Liz Falconer and Manuel Frutos-Perez*	973

Extreme Scaffolding in the Teaching and Learning of Programming Languages	*Dan-Adrian German*	978
Benefits and Barriers: Applying eLearning in the Context of Organisational Change to Improve the Learning Experience for Mature, Part-Time Students	*Simon McGinnes*	982
Posters with Papers		
Investigating Student Engagement With an Electronically Delivered Simulation of Professional Practice	*Olivia Billingham*	989
Instrumental Distance Learning in Higher Music Education	*Karin Levinsen, Rikke Orngreen, Mie Buhl, Marianne Løkke Jakobsen and Jesper Andersen*[1]	993
Reflections on Academic Blogging as a Vehicle for Professional Development	*Peps Mccrea*	997
A Framework for Understanding Online Learning Communities	*Sónia Sousa, David Ribeiro Lamas, José Braga de Vasconcelos and Ilya Shmorgun*[1]	1000
Trust in Distributed Personal Learning Environments: The Case Study of LePress PLE	*Sónia Sousa, David Ribeiro Lamas and Vladimir Tomberg*	1006
Breaking Down Barriers: Development of a Wiki Based Module to Enhance the International Learning Experience	*Karen Strickland, Liz Adamson, Carolyn Blight and Wendy McInally*	1012
eLearning in German Higher Education: Technology Implementation as a Challenge for Organizational Change	*Novita Yulianti, Michael Lund and Georg Müller-Christ*	1015