

4th European Conference on e-Learning

(ECEL 2005)

**Amsterdam, The Netherlands
10-11 November 2005**

Editor:

Dan Remenyi

ISBN: 978-1-63439-553-3

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, (2005). 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

ECEL 2005

Contents

Paper Title	Author(s)	Proceedings Page
Preface		vii
Biographies of Conference Chairs, Programme Chair, Keynote Speaker and Mini-track Chairs		x
Biographies of contributing authors		xi
Some Issues on Conceptual Models in the New Media Industries	<i>Christopher Turner University of Winchester, UK</i>	1
MyGfL: A Lifelong Learning Platform for Malaysian Society	<i>Zailan Arabee Abdul Salam and Azmi Mansur MIMOS Berhad, Kuala Lumpur, Malaysia</i>	15
Customer-Driven Development for Rapid Production of Assessment Learning Objects	<i>Andrew Adams and Shirley Williams School of Systems Engineering, The University of Reading, UK</i>	23
Using WebCT to deliver Research Methods in China: A Blended Approach	<i>Stuart Allan and Keith Jones School of Architecture and Construction, University of Greenwich, UK</i>	29
The Best of all Possible Worlds? – Developing Blended Learning From Lessons Learnt in On-Line and Face-to-Face Teaching	<i>Ruth Barrett and Amanda Jefferies Computer Science Department, University of Hertfordshire, UK</i>	37
The Role of the e-Learning Platforms in the EHEA Process: Experiences in a Classical Face-to-Face University and in a Virtual Campus Shared by Several Universities	<i>David Benito¹, Alfredo Pina², Miguel Ángel Gómez¹, and Manuel Benito³ ¹Public University of Navarre, Pamplona, Spain ²Spanish National University of Distance Learning, Pamplona, Spain ³University of the Basque Country, Leioa, Spain</i>	45
Developing e-Learning for Finance Workers - A European Needs Analysis	<i>Yongmei Bentley, Rob Carman and Yanqing Duan Luton Business School, University of Luton, UK</i>	55
An On-Line Literature Research System with Rule-Based Search	<i>Daniel Biella, Eva Dyllong, Wolfram Luther, and Thomas Pilz Department of Computer Science, University of Duisburg- Essen, Germany</i>	67
e-Education and Citizenship: Can 3D Educational Games Play Tricks on your Mind?	<i>Melanie Ciussi Bos University Aix Marseille, Nice, France</i>	77

Paper Title	Author(s)	Proceedings Page
Won't or Can't Contribute: Exploring Resistance in On-Line Discussion Forums	<i>Lynn Clouder Coventry University, Coventry, UK</i>	87
e-Learning Attitudes: Results From the Surveys of SME Managers and University Students	<i>Yanqing Duan¹, Yongmei Bentley¹ and Zhiying Liu² ¹Luton Business School, University of Luton, UK ²North-Eastern University, China</i>	95
MLE Adoption in a University: Unravelling the 'Off the Shelf Rhetoric'	<i>David Edwards and Keith Horton School of Computing, Napier University, Merchiston Campus, Edinburgh, UK.</i>	105
Providing Fine-grained feedback within an On-line Learning system – Identifying the Workers from the Lurkers and the Shirkers	<i>Colin Egan, Amanda Jefferies, Jason Johal and Martin Loomes University of Hertfordshire, Hatfield. U.K</i>	115
Benefits of a Publishing Chain Approach for Digital Learning Content Repositories	<i>Erik Gebers¹, Paul Campana², Manuel Majada¹, Raphael Papi² ¹Université de Technologie de Compiègne, France ²Université de Corse, Laboratoire SPE, Corte, France</i>	123
On-Line Interim Assessment, On-Line Community and Student Performance	<i>Martin Graff Department of Psychology and Education, University of Glamorgan UK</i>	131
Creating On-Line Simulations to Teach Social Skills	<i>David A. Guralnick Kaleidoscope Learning, 386 Park Avenue South, New York, USA</i>	139
Delivering What Students say They Want On-Line: Towards Academic Participation in the Enfranchisement of e-Learners?	<i>Richard Hall Department of Academic Quality, De Montfort University, Leicester, UK</i>	145
The Role of e-Learning in Accelerating Part-Time Student Progression	<i>Mike Hart, Joan Burgess and Helen Betts Faculty of Social Sciences, The University of Winchester, UK</i>	155
Out-Line and Evaluation of a Joint European and Canadian "Virtual Mobility" (e-Learning) Project.	<i>Alan Hilliard University of Hertfordshire, Hatfield, UK</i>	163
e-Learning Success and e-Learner Readiness	<i>Samir Larhrib, Michel Plaisent, Prosper Bernard, Lassana Maguiraga and Younes Benslimane, Dept Management and Technology, University of Quebec in Montréal, Canada.</i>	173
Learners' and Tutors' Perspectives on the Usefulness of an Automated Tool for Feedback on Test Performance	<i>Mariana Lilley, Trevor Barker and Carol Britton University of Hertfordshire, School of Computer Science, UK</i>	181

Paper Title	Author(s)	Proceedings Page
Same, Same but Different: - A Longitudinal Study of Group Work in a Distance Learning Course	<i>Jörgen Lindh, Stefan Hrastinski and Carol-Ann Soames Jönköping International Business School, Sweden</i>	191
Implications for Blended Learning from an Evaluation of Student Approaches to Learning and Studying.	<i>Tim Linsey, Palitha Edirisingha and Celayne Heaton-Shrestha, Academic Development Centre, Kingston University, UK</i>	201
Networking Universities to Bridge the European Digital Divide	<i>Ana Jesús López and Rigoberto Pérez University of Oviedo, Spain</i>	209
A Method for Personalised Tracking in Knowledge Construction	<i>Jude Lubega, Lily Sun and Shirley Williams Department of Computer Science, The University of Reading, UK</i>	217
Constructive Alignment in the VLE	<i>Christina Mainka¹, Keith Smyth¹ and Norrie Brown² ¹Educational Development, Napier University, Edinburgh, UK ²Faculty of Health and Life Sciences, Napier University, Edinburgh, UK</i>	227
WebCT-Assisted Learning at Napier University: Student and Staff Perceptions	<i>Stan Marek and Aileen M Sibbald Napier University Business School, Napier University, Edinburgh, Scotland</i>	237
Using Voice Recognition to convert 'Live' Presentations to e-Learning Resources	<i>William McKee, David Harrison and Malcolm Allan Glasgow Caledonian University, Scotland</i>	247
Questionnaire for Evaluation of Usability and Learning Outcomes in On-Line Instruction	<i>Gabriele Meiselwitz and Chao Lu Computer and Information Sciences, Towson University, USA</i>	253
The Development and Evaluation of an On-line Diagnostic X-ray Simulation Tool for Student Radiographers	<i>Simon Messer¹, Marc Griffiths¹, Stephen Gomez² and David Lush² ¹Faculty of Health and Social Care, University of the West of England, Bristol, UK ²Faculty of Applied Science, University of the West of England, Bristol, UK</i>	261
Effective Use of a Virtual Learning Environment	<i>Eva Milková University of Hradec Králové, Czech Republic</i>	269
University Education as an Ambient Intelligence Scenario	<i>Peter Mikulecky and Kamila Olsevicova University of Hradec Kralove, Czech Republic</i>	275

Paper Title	Author(s)	Proceedings Page
Implementing Courseware to Support Learning Through Real-World Erroneous Examples: Students' Perceptions of Tertiary Courseware and Obstacles to Implementing Effective Delivery Through VLE	<i>Rachada Monthienvichienchai¹ and Erica Melis²</i> <i>¹London Knowledge Lab, Institute of Education, UK</i> <i>²German Research Center for Artificial Intelligence, Germany</i>	281
Developing the Communities of Practice, Framework for On-Line learning.	<i>Pam Moule</i> <i>Faculty of Health and Social Care, University of the West of England, UK</i>	291
The Impacts of a New Learning Culture at the University of Namibia	<i>Tulimevava Kaunapawa Mufeti</i> <i>Computing Department, University of Namibia, Windhoek, Namibia</i>	301
Evaluation of e-Learning Courses for Computer Operation	<i>Minoru Nakayama¹, Nobuo Yamazaki², Toru Yamamoto², Kenji Eto², Shin'ichi Kato² and Yasutaka Shimizu³</i> <i>¹Tokyo Institute of Technology, Tokyo, Japan</i> <i>²Electronics Development Computer College, Tokyo, Japan</i> <i>³National Institute of Multimedia Education, Chiba, Japan</i>	309
Management Involvement in Successful e-Learning Delivery: A Case Study	<i>Gali Naveh, Dorit Tubin and Nava Pliskin</i> <i>Ben-Gurion University of the Negev, Beer-Sheva, Israel</i>	317
The Digital Divide: European/Irish Issues, Socio-Civic Exclusion and Partnership Potential in Access and Participation	<i>Máirtín Ó Fathaigh</i> <i>Centre for Adult Continuing Education, University College Cork, Ireland</i>	323
Development of Topic Maps e-Learning Portal	<i>Kamila Olsevicova</i> <i>University of Hradec Kralove, Czech Republic</i>	333
e-Learning as a Tool for Knowledge Transfer Through Traditional and Independent Study at two UK Higher Educational Institutes: A Case Study.	<i>Jonathan Owens and David Floyd</i> <i>Lincoln Business School, University of Lincoln, UK</i>	341
An Empirical Study of 'Pull' Initiatives used to Encourage Student Participation in an On-Line Enterprise Course	<i>Paul Peachey, Paul Jones and Amanda Jones</i> <i>University of Glamorgan, Pontypridd, South Wales, UK</i>	349
Providing 'Quality Care' to International Students Through On-line Communication	<i>Chris Perry</i> <i>University of the West of England, Bristol, UK</i>	361
Is Prototyping a Useful Tool in Bringing to the Surface Socio-Technical Issues That may Create Barriers to Engagement Within On-Line Communities?	<i>Pauline Pollard and Chris Perry</i> <i>University of the West of England, Bristol, UK</i>	371

Paper Title	Author(s)	Proceedings Page
e-Learning in Support of SMEs: Pipe Dream or Reality?	<i>Andrée Roy¹ and Louis Raymond²</i> <i>¹Université de Moncton, Canada</i> <i>²Université du Québec à Trois-Rivières, Canada</i>	383
Efficient Handling of Programming Exercises in a Scalable e-Learning Platform	<i>Joachim Schwieren, Gottfried Vossen and Peter Westerkamp</i> <i>University of Muenster, Germany</i>	389
Developing Leadership Skills: The Appropriateness of On-Line and Face-to-Face Methods for Different Groups of Learners	<i>David Silbergh and Kate Lennon</i> <i>Caledonian Business School, Glasgow Caledonian University</i>	397
Wireless Technologies Bridging the Digital Divide in Education	<i>Gerard Smyth</i> <i>IT Innovation, Intel Ireland. Leixlip, Co. Kildare. Ireland</i>	407
A Web-Based Virtual Collaboration System for Medicine	<i>Yeong-Tae Song and Chuleui Hong</i> <i>Towson University, Seoul Korea</i>	417
Principles for Designing Modern Digital Classrooms Supporting Virtual e-Learning Environments	<i>John B. Stav and Roger Bergh Sor</i> <i>Trondelag University College, Trondheim, Norway</i>	429
Learning Object Farms and Learning Design in Science Education	<i>John B. Stav¹, Trond M. Thorseth¹, Maria Meletiou-Mavrotheris² and Hariklia Tsalapatas³</i> <i>¹Sor Trondelag University College, Trondheim, Norway</i> <i>²Cyprus College, Nicosia, Cyprus</i> <i>³University of Thessaly, Volos, Greece</i>	439
An Investigation Into the Integration of Voice Recognition Based Assistive Technology in Higher Education	<i>Iain Stewart, Malcolm Allan and David Harrison</i> <i>Glasgow Caledonian University, Glasgow, Scotland</i>	449
Results and Artefacts of an EU Funded Minerva Project Entitled 'Guiding the Management of ICT Supported Learning in Higher Education'.	<i>Mark Stone, Anne McDermott, Robert Williams and Jackie Palmer</i> <i>University of Plymouth, Devon, UK</i>	459
ICT and Schools: Identification of Factors Influencing the use of new Media in Vocational Training Schools	<i>Alexandra Totter, Gudela Grote and Daniela Stütz</i> <i>Swiss Federal Institute of Technology Zurich, Sweden</i>	469
Preparing the University Information Architecture for Net-Centric e-Learning and Research: A Case-Study	<i>Frederik Truyen and Leen Van Rentergem</i> <i>ICTO, K.U.Leuven, Leuven, Belgium</i>	479

Paper Title	Author(s)	Proceedings Page
System Design Aspects of an Independent European AVD-Knowledge Base	<i>Hariklia Tsalapatas¹, John B. Stav², Marios Pitikakis¹ and Dimitris Korbetis¹</i> <i>¹University of Thessaly, Volos, Greece</i> <i>²Sor Trondelag University College, Trondheim, Norway</i>	493
Collaborative On-Line Teaching – The Inevitable Path to Deep Learning and Knowledge Sharing?	<i>Karin Tweddell Levinsen</i> <i>Copenhagen Business School, Institute of informatics, Denmark</i>	505
Role of Relationships With Others on Training Conduct in e-Learning Programme.	<i>Emilie Vayre, Sandrine Croity-Belz and Raymond Dupuy</i> <i>Toulouse-le-Mirail University, France</i>	515
Modelling Technology Diffusion in Organisations – The Diffusion of e-Learning in the Saxon Public Administration	<i>Tino Vordank, Jens Aderhold, Anja Buschmann, and Michael Fox</i> <i>Chemnitz University of Technology, Germany</i>	527
Utilising e-Learning Elements to Integrate Personal Development Planning into the Curriculum	<i>Garry Watkins and Kay Byatt</i> <i>University of Central Lancashire, Preston, England, UK</i>	539
e-Learning Strategy: What's in the Blend?	<i>Roy Williams</i> <i>Technology Extended Campus, Portsmouth University, UK</i>	545
Personalized, Virtual Maritime Self-Learning in the SLIM-VRT Environment	<i>M. A. Lambrou, A. Polydoropoulou, N. Nikitakos and N. Litinas</i> <i>University of the Aegean, Chios Greece</i>	553
e-Learning Evolution in a Developing Country– An In-Depth Study	<i>Kashif Adeel Chaudary and Syed Shams Uddin Ahmad</i> <i>National University of Computer and Emerging Sciences, Pakistan</i>	565
“Cultural Institutions as e-Learning Environments: Delivering Knowledge From Data Resources in the Digital age”	<i>Triantafillia Kourtoumi</i> <i>General State Archives of Greece, Historical Archives of Macedonia, Greece</i>	575
Data Envelopment Analysis as a Framework for Evaluation of e-Learning Programmes: A proposal for the USC-Virtual	<i>Roberto Bande, José Raúl Canay and Fernando Miranda</i> <i>University of Santiago de Compostela, Spain</i>	583
Relational Drivers in Higher Education e-Learning	<i>Tahir Rashid¹ and Neil Robinson²</i> <i>¹Toursim, Hospitality and Events School, Leeds Metropolitan University, UK</i> <i>²Faculty of Business & Informatics, University of Salford, UK</i>	589