

2009 International Conference on Mobile, Hybrid, and On-Line Learning

(ELML)

**Cancun, Mexico
1 – 7 February 2009**



IEEE Catalog Number: CFP0971F-PRT
ISBN: 978-1-4244-3361-2

2009 International Conference on Mobile, Hybrid, and On-line Learning

eLmL 2009

Table of Contents

Preface

Committee

eL&mL 1: On-line Learning

Generating Interactive Learning Objects from Configurable Samples	1
<i>Peng Han and Bernd J. Krämer</i>	
Content-Based Tag Generation for the Grouping of Tags	7
<i>K. O. Chow, K. Y. K. Fan, A. Y. K. Chan, and G. T. L. Wong</i>	
Interactive 3D Web-Based Environments for Online Learning: Case Studies, Technologies and Challenges	13
<i>Felix G. Hamza-Lup, Priya T. Goeser, Wayne Johnson, Tina Thompson, Elena Railean, Dorin M. Popovici, and Georgiana Hamza-Lup</i>	

eL&mL 2: Mobile Learning

Educating the Educators Online	19
<i>Ursula Donnelly and Philip Turbitt</i>	
Mobile eLearning Platform for Interactive Patient Education	23
<i>Joseph Finkelstein and Jeffrey Wood</i>	
Web-Based Technology Use and Computer Self-Efficacy as Predictors of Faculty Perceptions of Support for the Implementation of eLearning	28
<i>Elizabeth Romero, Leyla Zhuhadar, Christopher Wagner, and Robert Wyatt</i>	

eL&mL 3: Hybrid Learning

Space-Mediated Learning at the Locus of Action in a Heterogeneous Team of Mobile Workers	35
<i>Daniel Chamberland-Tremblay, Sylvain Giroux, Claude Caron, and Michel Berthiaume</i>	
A Mobile Blended Learning Approach Based on Podcasts with Respect to the Students' Media Literacy	41
<i>Karsten Morisse, Michaela Ramm, Thomas Schüler, and Svenja Wichelhaus</i>	
Towards an Understanding of Collaboration in Teaching Technology Subjects in an Amalgamated Faculty of Engineering and Information Technology	47
<i>Elaine Lawrence, Lian Loke, Richard Raban, Wayne Brookes, and Tim Aubrey</i>	

eL&mL 4: Tools & Platforms I

Platform Support for Situated Collaborative Learning	53
<i>Surya Bahadur Kathayat and Rolv Bræk</i>	
Towards Utilizing Open Data for Interactive Knowledge Transfer	61
<i>Monika Steinberg and Jürgen Brehm</i>	
New Classification Algorithms for Developing Online Program Recommendation Systems	67
<i>Thomas Meller, Eric Wang, Fuhua Lin, and Chunsheng Yang</i>	

eL&mL 5: Tools & Platforms II

Designing a Mixed Training Method (Synchronous and Asynchronous) to Be Offered Online for the Development of Skills for Teachers in Training	73
<i>Louise Sauv�, Louis Villardier, and Wilfried Probst</i>	
The Role of Laptop as a Platform in an Outcome-Based Learning Environment	77
<i>Emad Bataineh and Abdallah Tubaishat</i>	
Using Distributed Mutual Exclusion for Coordinating Virtual Meeting in an Ubiquitous Chat System	84
<i>Berto de Tacio Pereira Gomes, Omar Andres Carmona Cortes, and Rafael Fernandes Lopes</i>	
CollabEd: A Platform for Collaboratizing Existing Editors	90
<i>Kenroy G. Granville and Timothy J. Hickey</i>	
A Model Driven Approach to Adapt Instructional Strategies Modelling Language to Different Design Contexts	97
<i>Rim Drira, Mona Laroussi, Xavier Le Pallec, Alain Derycke, and Henda Ben Ghezala</i>	

Poster

Developing a Multi-professional e-Learning Mentor Update Package	103
<i>Karen J. Ousey and Stephen A. White</i>	

Author Index