

Table of contents

 **Formal discussion summaries**

- Strategic e-learning implementation 1-8
Moderator(s) and Summarizer(s): Mark Nichols and Bill Anderson

 **Special issue articles**

Theme: *Crafting Learning in Context*

- Editorial: *Crafting Learning in Context* 9-10
Chee-Kit Looi and Kinshuk
- Animatronics, Children and Computation 11-21
Andrew Sempere
- Supporting Empathy in Online Learning with Artificial Expressions 22-30
Michael J. Lyons, Daniel Kluender and Nobuji Tetsutani
- Historical Text Comprehension Reflective Tutorial Dialogue System 31-41
Maria Grigoriadou, Grammatiki Tsaganou and Theodora Cavoura
- Contextualizing Reflective Dialogue in a Spoken Conversational Tutor 42-51
Heather Pon-Barry, Brady Clark, Karl Schultz, Elizabeth Owen Bratt, Stanley Peters and David Haley
- Learner Centred Development of a Mobile and iTV Language Learning Support System 52-63
Lyn Pemberton, Sanaz Fallahkhair and Judith Masthoff
- Ontological Support in Modeling Learners' Problem Solving Process 64-74
Chun-Hung Lu, Chia-Wei Wu, Shih-Hung Wu, Guey-Fa Chiou and Wen-Lian Hsu
- Computational Representation of Collaborative Learning Flow Patterns using IMS Learning Design 75-89
Davinia Hernández-Leo, Juan I. Asensio-Pérez and Yannis Dimitriadis
- Response Neighborhoods in Online Learning Networks: A Quantitative Analysis 90-99
Reuven Aviv, Zippy Erlich and Gilad Ravid
- Using Mutual Information for Adaptive Item Comparison and Student Assessment 100-119
Chao-Lin Liu
- Implementing an Educational Digital Video Library Using MPEG-4, SMIL and Web Technologies 120-127
Marcelo Milrad, Philipp Rossmann and Mario Scholz

Adaptive Learning Resources Sequencing in Educational Hypermedia Systems 128-147
Pythagoras Karampiperis and Demetrios Sampson

Special feature

A Taxonomy for Definitions and Applications of LOs: A Meta-analysis of ICALT papers 148-160
Veronica Rossano, Mike Joy, Teresa Roselli and Erkki Sutinen

 **Full length articles**

A Study of Dynamic Design Dualities in a Web-Supported Community of Practice for Teachers 161-177
Eun-Ok Baek and Sasha A. Barab

Perceptions and Opinions of Educational Technologists Related to Educational Technology 178-190
Nurettin Simsek

Institutional Mission and Identity: How Do We Carry the Culture to the Electronic Forum? 191-197
Michael W. Ledoux

Integrating Computer Ethics across the Curriculum: A Case Study 198-204
Marion G. Ben-Jacob

Computer Self-Efficacy, Computer Anxiety, and Attitudes toward the Internet: A Study among Undergraduates in Unimas 205-219
Hong Kian Sam, Abang Ekhsan Abang Othman and Zaimuarifuddin Shukri Nordin

Engaging Students in Group-based Co-operative Learning- A Malaysian Perspective 220-232
Mai Neo

The Effects of Mastery Learning Model on the Success of the Students Who Attended “Usage of Basic Information Technologies” Course 233-243
Ibrahim Y. Kazu, Hilal Kazu and Oguzhan Ozdemir

Measuring Readiness for e-Learning: Reflections from an Emerging Country 244-257
Cengiz Hakan Aydin and Deniz Tasci

 **Software review(s)**

Integrity Software 258-267
Reviewer: Carmen L. Padrón Nápoles

 **Website review(s)**

OM Personal Multimedia English 268-269
Reviewer: Ferit Kılıçkaya