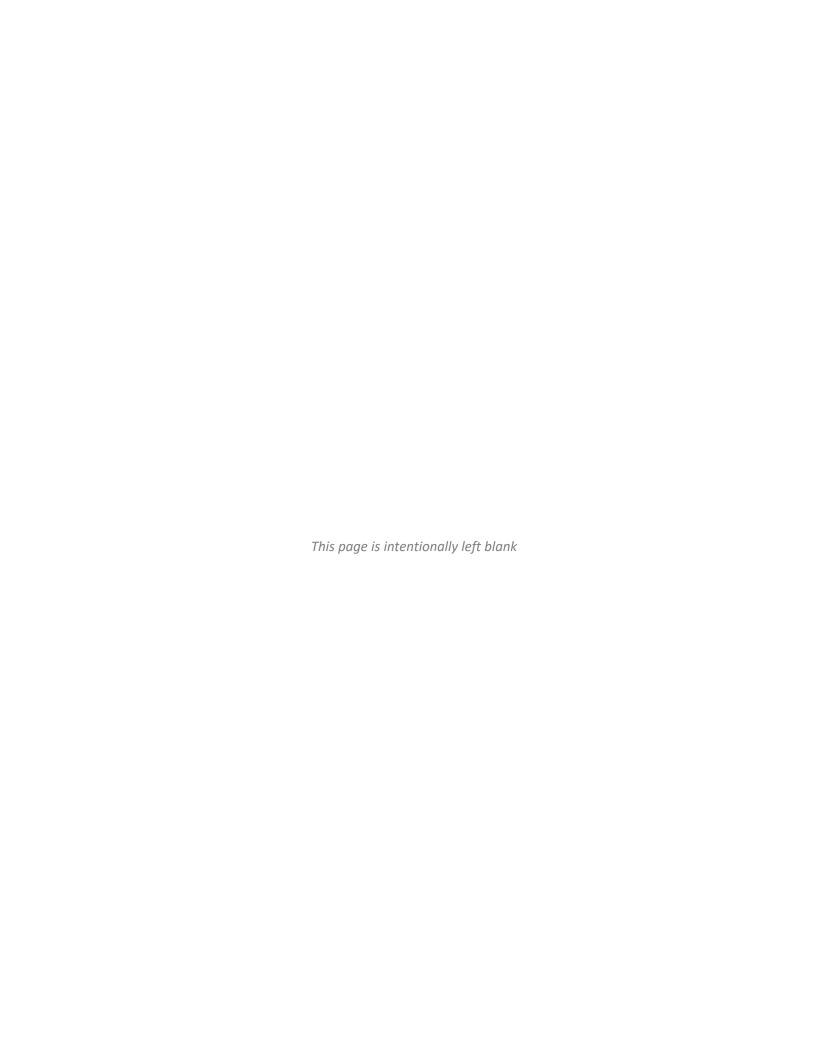
# **CONTEMPORARY EDUCATIONAL TECHNOLOGY**

A Quarterly International Journal





#### CONTEMPORARY EDUCATIONAL TECHNOLOGY

Contemporary Educational Technology is a scholarly international journal focusing on theory, research, and development in the field of educational technology.

The journal assigns highest priority to rigorous studies of quantitative, qualitative, and mixed paradigms on topics related to theories and applications of educational technology as well as instructional design in various educational settings including both formal and non-formal contexts.

The journal also publishes articles on empirically-based evaluation studies and theoretically-based development papers. When appropriate and possible, development papers should highlight links between theory and practice of educational technology.

Moreover, each issue of the journal publishes comprehensive book reviews, interviews, comments, and research abstracts on current issues in the field of educational technology and instructional design.

#### **Editorial Contact**

editor@cedtech.net

## ABSTRACTING / INDEXING

Contemporary Educational Technology is listed by the following indexes:

## **Education Research Complete (EBSCO)**

http://www.ebscohost.com

**ERIC** 

https://eric.ed.gov/

### **Google Scholar**

http://scholar.google.com

## **Ulrich's Periodicals Directory**

http://www.ulrichsweb.com/ulrichsweb/

#### **EDITORIAL BOARD**

#### Editor-in-Chief

Ali Simsek, Anadolu University, Turkey

asimsek@anadolu.edu.tr

#### **Associate Editor**

Murat Ataizi, Anadolu University, Turkey

mataizi@anadolu.edu.tr

#### **Graphic Designer**

Duygu Eristi, Anadolu University, Turkey

sdbedir@anadolu.edu.tr

#### **Editorial Team**

Yavuz Akbulut, Anadolu University, Turkey

Arif Altun, Hacettepe University, Turkey

Hanafi Atan, University of Sains Malaysia, Malaysia

Tony Bates, Tony Bates Associates Ltd, Canada

Barbara A. Bichelmeyer, Indiana University, USA

Hasan Caliskan, Anadolu University, Turkey

Gulsun Eby, Anadolu University, Turkey

Brian Garner, Deakin University, Australia

**Dursun Gokdag,** Anadolu University, Turkey

Roger Hartley, University of Leeds, United Kingdom

David H. Jonassen, University of Missouri, USA

Gregory A. Kearsley, Independent Consultant, USA

#### **EDITORIAL BOARD**

John M. Keller, Florida State University, USA

Stephen Kerr, University of Washington, USA

Paul A. Kirschner, Open University of the Netherlands, The Netherlands

Siu Cheung Kong, The Hong Kong Institute of Education, Hong Kong

**Rob Koper,** Open University of the Netherlands, The Netherlands

Ulku Koymen, Lefke European University, North Cyprus

M. David Merrill, Brigham Young University at Hawaii, USA

Marcelo Milrad, Linnaeus University, Sweden

Gary R. Morrison, Old Dominion University, USA

Balakrishnan Muniandy, Universiti Sains Malaysia, Malaysia

Kiyoshi Nakabayashi, Chiba Institute of Technology, Japan

Charles M. Reigeluth, Indiana University, USA

Steven M. Ross, Johns Hopkins University, USA

Alison Rossett, San Diego State University, USA

Gregory C. Sales, Seward Incorporated, USA

**Gilly Salmon,** University of Leicester, United Kingdom

**Demetrios G. Sampson,** University of Piraeus, Greece

Keith Sawyer, Washington University, USA

Richard A. Schwier, University of Saskatchewan, Canada

Norbert M. Seel, University of Freiburg, Germany

David W. Shaffer, University of Wisconsin, USA

George Siemens, Athabasca University, Canada

Michael Simonson, Nova Southeastern University, USA

J. Michael Spector, University of North Texas, USA

Robert D. Tennyson, University of Minnesota, USA

Timothy Teo, University of Auckland, New Zealand

## **EDITORIAL BOARD**

Chin-Chung Tsai, National Taiwan University of Science and Technology, Taiwan

David Wiley, Brigham Young University, USA

Brent G. Wilson, University of Colorado at Denver, USA

Su Luan Wong, University Putra Malaysia, Malaysia

Rauf Yildiz, Canakkale Onsekiz Mart University, Turkey

#### **CONTENTS**

## Volume 4 – Issue 4 – October 2013 Improving Students' Educational Experience by Harnessing Digital Technology: elgg in 236-248 the ODL Environment Lai Cheng Tung **Development of a Scale to Explore Technology Literacy Skills of Turkish 8th Graders** 249-262 Zeynel A. Misirli, Yavuz Akbulut Integrated Resources and Training Facilitation: A Strategic Priority when Promoting ICT 263-280 in Developing Countries Saifuddin Khalid, Kamrul Islam, Tom Nyvang The Effectiveness of Instruction-Oriented Hypertext Systems Compared to Direct 281-308 **Instruction in e-learning Environments** Chokri Barhoumi, Pier Giuseppe Rossi Strategies for Integrating Emerging Technologies: Case Study of an Online Educational 309-321 **Technology Master's Program** Betul C. Czerkawski **Book Review: Emerging Technologies in Distance Education** 322-326

Necip Serdar Sever