

The Journal of
Issues in Informing Science and Information Technology
Volume 8, 2011

Table of Contents

Review Process..... vi

Collaborative Work / Working Together / Teams

Using Team Syntegrity in a Triple Loop Learning Model for Course Development001-011
Viveca Asproth, Mid Sweden University, Sweden
Christina Amcoff Nyström, Mid Sweden University, Sweden
Hanna Olsson, Mid Sweden University, Sweden
Lena-maria Öberg, Mid Sweden University, Sweden

**Improving Teaching and Learning in an Information Systems Subject:
A Work in Progress**013-023
Lorraine Staehr, La Trobe University, Australia
Graeme Byrne, La Trobe University, Australia

A Collaborative Writing Approach to Wikis: Design, Implementation, and Evaluation.....431-449
Said Hadjerrouit, University of Agder, Norway

Control, Audit, and Security

Tracking Viral Contamination through User Habits and IT Practices025-036
Martiniano Jake III Neri, Capitol University, Philippines
Adrian Ranido, Capitol University, Philippines

Course Design & Pedagogy for TeLE

**Playing it Safe: Approaching Science Safety Awareness
through Computer Game-Based Training**037-047
Iwona Miliszewska, Victoria University, Australia
Ewa M. Sztendur, Victoria University, Australia

E-Textbooks Are Coming: Are We Ready?049-060
Meg Murray, Kennesaw State University, USA
Jorge Perez, Kennesaw State University, USA

**Reflections on a Trial Implementation of an E-Learning Solution
in a Libyan University**061-076
Amal Rhema, Victoria University, Australia
Iwona Miliszewska, Victoria University, Australia

**Building Computer Games as Effective Learning Tools for Digital Natives –
and Similar**077-092
Ismar Silveira, Cruzeiro do Sul University, Brazil
Carlos Fernando Araújo Jr., Cruzeiro do Sul University, Brazil
Jaime Veiga, Cruzeiro do Sul University, Brazil
Luis Bezerra, Cruzeiro do Sul University, Brazil
Leonardo Kasperavicius, Instant Games Inc., Brazil

Curriculum Issues

- Making a Case for Change Management Theory to Support IS/IT Curriculum Innovation** 093-109
Susan Benvenuti, University of the Witwatersrand, South Africa
- Virtual Campuses, Groupware and University Evolution** 111-123
Antonio Cartelli, University of Cassino, Italy
- Responding to the Employability Challenge: Final Projects for IT-based Organizational Training** 125-142
Dorothy Langley, Holon Institute of Technology, Israel
Miky Ronen, Holon Institute of Technology, Israel
- Integrating IT Skills into a Business School’s programmes**..... 143-155
Janice Whatley, University of Salford, UK
Simon Ireland, University of Salford, UK
Richard Bell, University of Salford, UK
- Reinforcing and Enhancing Understanding of Students in Learning Computer Architecture** 157-173
Cecile Yehezkel, Bar-Ilan University, Israel
Revital Leibovitch, ORT In the name of Baron Rothschild, Israel
Ilya Levin, Tel-Aviv University, Israel

Decision Making / Business Intelligence (DM/BI)

- Highs and Lows of Organizational Decision Making and the Relationship to Collaboration and Technology Tools** 175-208
Honora Rockar, Robert Morris University, USA
Frederick Kohun, Robert Morris University, USA

Emerging Technologies

- Would Cloud Computing Revolutionize Teaching Business Intelligence Courses?**..... 209-217
Stevan Mrdalj, Eastern Michigan University, USA
- Should the “CLOUD” be Regulated? An Assessment** 219-230
Abbas Strømmen-Bakhtiar, University of Nordland, Norway
Amir R. Razavi, University of Surrey, UK

Ethical, Social, Cultural, Legal, & Philosophical Issues

- Exploring the Aspects of Digital Divide in a Developing Country**..... 231-244
Ali Acilar, Bilecik University, Turkey
- Digital Divide in the Population of Serbia** 245-258
Ninoslava Savić, Higher School of Professional Business Studies Novi Sad, Republic of Serbia
Zoran Radojičić, Faculty of Organizational Sciences Belgrade, Republic of Serbia
- Society’s Level of Literacy: A Cross Cultural Study** 259-275
Amir Shoham, Academic College of Management, Israel
Snunith Shoham, Bar Ilan University, Israel
Miki Malul, Ben Gurion University, Israel

Issues related to Computer Science

- Derivation of Database Keys’ Operations**..... 277-291
Adio Taoreed Akinwale, University of Agriculture, Abeokuta, Nigeria
Olusegun Folorunso, University of Agriculture, Abeokuta, Nigeria, Nigeria
Adesina Sodiya, University of Agriculture, Abeokuta, Nigeria

Library / Information Science

- Library Web/Online Information Services to the Needs and Behavior of the Students.....293-312**
Yau Ching Leung, College of Professional and Continuing Education,
The Hong Kong Polytechnic University, Hong Kong, China

Organizational Issues

- Chinese SMEs and Information Technology Adoption.....313-322**
Michelle Fong, Victoria University, Australia

Platforms for Technology Enhanced Learning

- Developing A Social Media Interactive Learning Environment.....323-334**
Joseph Chao, Bowling Green State University, USA
Kevin Parker, Idaho State University, USA
Anthony Fontana, Bowling Green State University, USA

Project Management & Practice

- Informing Implementers of Lean Strategy in Process Industries –
The Central Role of Schedulers.....335-349**
Irit Alony, University of Wollongong, Australia
Peter Caputi, University of Wollongong, Australia
Tim Coltman, University of Wollongong, Australia
- The Communication System in Project Teams: Problems of Transfer of Knowledge
and Information for the Management of IT Projects.....351-361**
Jerzy Kisielnicki, Warsaw University, Poland

Psychology: Issues/ Aspects / HCI / Usability Issues

- The Islands of Innovation Model: Opportunities and Threats
for Effective Implementation of Technological Innovation in the Education System363-376**
Orit Avidov-Ungar, The Open University of Israel, Israel
Yoram Eshet-Alkalai, The Open University of Israel, Israel

Research Regarding TeLE

- E-Learning Diurnal Time Patterns in the Navy.....377-393**
Ruti Gafni, The Open University of Israel, Israel
Levi Shaul, Bar Ilan University, Israel
Doron Tauber, Bar Ilan University, Israel
- Technology Mediated Learning: Observations in Two Technologies395-408**
Raafat Saadé, Concordia University, Canada
Meral Büyükkurt, Concordia University, Canada
Cynthia Alkhorri, Concordia University, Canada
- Blended E-Learning in Higher Education: Research on Students' Perspective409-429**
Marta Žuvic-Butorac, University of Rijeka, Croatia
Nena Roncevic, University of Rijeka, Croatia
Damir Nemcanin, University of Rijeka, Croatia
Zoran Nebic, University of Rijeka, Croatia

***List of Reviewers* 451-453**

***Index of Authors* 455**

Review Process

All papers were reviewed blindly (that is, with author and affiliation information removed) by between 6 and 10 external reviewers. The reviewers did not know the identity of the authors nor the authors of the reviewers. Reviewers were matched to papers using a formula to minimize the psychological distance between reviewers' stated expertise and interest and the topics covered in the paper. In cases where this formula did not provide at least 6 reviewers, reviewers were randomly assigned to papers. No reviewer was required to review more than 3 papers. The review process used the services of 298 reviewers from 57 countries. The reviewers are listed at the end of this book.

Reviewers were instructed to mentor the authors by providing feedback on how to improve the submission. They were further required to recommend whether or not the paper should be accepted using a six-point scale (from "reject" to "must accept").

Following the conclusion of the review process, reviewers of each paper were shown the reviews of other reviewers, as part of our process of mentoring reviewers to become even better paper reviewers.

The authors of all papers, whether accepted or not, were provided with the reviewers' feedback, as part of our process of mentoring authors. Authors of accepted papers were required to revise their submissions in light of the issues raised in the reviews.

We believe that the papers in this book represent a great contribution to science.