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RECENT ADVANCES in E-ACTIVITIES

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(E-Learning, E-Communities, E-Commerce, E-Management, E-Marketing, E-Governance, Tele-Working)
(E-ACTIVITIES '08)

Cairo, Egypt, December 29-31, 2008

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Preface

This book contains most of the papers presented at the conference on E-ACTIVITIES (E-ACTIVITIES '08) held in Cairo, Egypt, December 29-31, 2008.

The conference provides a platform to discuss the theory and applications of E-ACTIVITIES (E-Learning, E-Communities, E-Commerce, E-Management, E-Marketing, E-Governance, Tele-Working).

In the last few years the focus has been on topics such as virtual teachers, virtual (e-) classrooms, virtual (e-) schools, virtual communities, information interfaces, communication of groups, business process reengineering, e-goverment, human resourses via internet etc.

This important 3 days multiconference offered to the colleagues 2 banquets (60 different courses -self-service buffet-, live music and live dances with more than 30 dancers and 18 folklore appearances) and one great excursion, (WSEAS offered free buses for the conference excursions and the English speaking tour guide for free. Dec, 31, 2008: Tour in Cairo (Pyramids of Giza, Sun Boat, Sphinx, Papyrus museum, Bazaar), Memphis and Sakkara (Stepped pyramid of Sakkara, Tomps of Nobles, Tomps of ministers, Memphis museum, TiTi pyramyd). The 2 banquets were superb and they included oriental dance in 18 different appearances: http://www.wseas.us/reports/2008/cairo/index.html as well as Sofi dance and many Egyptian singers.

After the excursion of 31/12/2008, we continued with the Session/Symposium: E-Learning with 18 important papers. The International Scientific Committee met during the Conference in a Cairo restaurant well known for the standards of its cuisine and its friendly atmosphere.

Ways to improve the Conference were discussed over dinner: in particular the topics were revised and new ones were suggested. In addition, a few nominations for new committee members were proposed. Following the meeting, the decision was taken to relocate the Conference, and a few locations were suggested.

The WSEAS Conference Division will investigate these so that the dates and location of 2010 are finalized as soon as possible.

Each paper was reviewed at least by 3 independent reviewers. The WSEAS Secretariat sent each paper to 5 reviewers. Some papers received reviews from 5 different referees. The WSEAS Secretariat forwarded these comments by personalized emails to the responsible for the correspondence author. The full list of the reviewers will be available in the web page: http://www.worldses.org/reviewers.htm

The best papers of this multiconference are available now

http://www.wseas.us/reports/2008/best2008.htm#december2008b

We thank you for your feedback about the WSEAS Conferences:

http://www.worldses.org/feedback.htm

The Editors

Table of Contents

Plenary Lecture 1: Virtual or Reality? Does Educational Robots Really Be Useful? 10
Maiga Chang

Plenary Lecture 2: Web-based Collaborative Interior Design and Furniture e-commerce 11
Yen-Chun Lin

The Supply-Side IT Outsourcing Competencies and Relationship Exchange in Malaysia 13
Yusri Arshad, Abdul Rahman Ahlan, Ramlah Hussain

A Survey of Mathematics Learning Motivation 19
Eric Zhi Feng Liu, Chun Hung Lin, Shan Shn Cheng, Gi Li Wang

Barriers to E-Procurement Integration in Automobile Industry: A Suppliers' Perspective 23
Aznur Hajar Abdullah, Noor Raihan Ab Hamid

The Effects of Consumer Demographics and Level of Experience on Electronic Customer Relationship Management 31
Noor Raihan Ab Hamid

Learning Design of Networked Peer Assessment for Junior High 38
Shan Shan Cheng, Eric Zhi Feng Liu, Chun Hung Lin, Su Mei Teng, Yi Song Tung

The Role of E-Marketing in Military Recruiting 42
Bruno Grbac, Marin Vrkic

The Future Skill-Sets Expectations of IT Graduates in Malaysia IT Outsourcing Industry 48
Abdul Rahman Ahlan, Yusri Arshad, Mohd Adam Suhaimi, Husnayati Hussin

Interactive Customer Knowledge Management Systems: a Comparative Evaluation of Users' Perception of Trust and Level of Knowledge 54
Mutlaq B. Alotaibi, Dimitrios I. Rigas

Exploring Determinants of Industrial Customers Loyalty on Service Providers in the E-Business Environment – The Perspective of Relationship Management 60
Cheng-Kiang Farn, Li-Ting Huang

Examine the Importance of Relationship Commitment and Trust in Virtual Community 68
Echo Huang, Yu-Ren Yen

eLearning: Usability and Learnability of an ESP Online Course 74
Tatjana Sepic, Sanja Raspor, Ivan Pogarcic

Using E-business Technology in a Student Records Information System 80
Viljan Mahnic, Igor Rozanc, Marko Pozenel

A Study of Focal Firms' Willingness to Share Information – The Roles of Trust and Power 86
Chia-Chen Wang, Chun-Der Chen, Yu-Fen Chen, Cheng-Kiang Farn

A Pilot Teaching Courseware of Flickr 95
Eric Zhi Feng Liu, Yu Fang Chang

E-learning System for Ship Maneuverability 100

Gabriel Popescu, Camelia Popescu

Mathematics Courseware Usefulness Items Construction 105
Noraidah Sahari, Abdul Azim Abdul Ghani, Hasan Selamat, Aida Suraya Md. Yunus

The Perception of Business Students from Romania Regarding Online Learning 111
Mihaela Tutunea, Veronica Rus, Valentin Toader

Microsoft Office Applications Tools for Reducing the Cost of Polls 117
Veronica Rus, Valentin Toader, Mihaela Tutunea

M-Learning, an Opportunity for E-Learning 122
Alin Muntean, Nicolae Tomai

Correlation between Student Activities and On-Line Discussion 128
Karmela Aleksic-Maslac, Mirna Korican, Dina Vasic

Integration of S-P Chart and POT for Cognition Diagnosis and Application on Capacity Concepts Analysis 133
Jeng-Ming Yih, Yuan-Horng Lin, Tian-Wei Sheu

A Design of Virtual Lab for Digital Logic 139
Rosilah Hassan, Nazlia Omar, Haslina Arshad, Shahnorbanun Sahran

User's Knowledge about Operating Procedures for e-Appliances: Impact of Age and Experience 143
Haruhisa Yamaguchi, Yumi Yamaguchi, Takafumi Terasawa, Hironori Sasaki, Yuka Kawasaki, Ayaka Ueda

To be an E-tutor or not to be an E-tutor 149
Chun Hung Lin, Eric Zhi Feng Liu, Shan Shan Cheng, Hwa Wei Ko, Maiga Chang

E-LIBRARY: Legislative and Technical Aspects Regarding Conservation and Preservation of Old Books by Digitizing Colections 154
Angela Repanovici, Ioana Nicolae

DHRP: Dynamic Hybrid Routing Protocol for Large Ad-hoc Networks 160
Batbold Toiruul, Aries Kusdaryono, Kyungoh Lee

Hybrid e-Training Instrument for ICT Trainers 166
Rosseni Din, Mohamad Shanudin Zakaria, Khairul Anwar Mastor, Norizan Abdul Razak

The Pilot of Self Presentation and Self Disclosure with Blogging 172
Yu Fang Chang, Eric Zhi Feng Liu, Maiga Chang

Gaps between Metadata Standards of Learning Objects and Educational Needs of Multimedia Learning Resources 177
Zheng-Hong Wu, Zhi-Ting Zhu, Maiga Chang, Yong-He Wu

Design Petri Net to Simulate the Processes of Tele-Healthcare 183
Stis Wu, Maiga Chang, Hwei-Nung Lin, Jia-Sheng Heh

Activity Generator for Informal Learning in Museum 189
Chun Chang, Stis Wu, Maiga Chang, Jia-Shen Heh

Multimedia Authoring Tools role in E-learning Systems 195
Mohammad Abd-Alhameed Al-Dhamoor, En'Am Klef Al-Majali, Batool Ahmed Horani

E-AUVITAL Learning: Video Tutorial Approach 200
Azizah Jaafar, Norhana Yusof, Nor Azan Mat Zin

Web-based Collaborative Interior Design and Furniture E-commerce 205
Chen-Chuan Pan, Yen-Chun Lin

Online Teaching Staff Maturity Model (OTMM) 211
Taysir Soliman

Engineering Problem Solving Learning Objects to Teach Processing Systems: An Empirical Approach 216
G. Dimauro, A. Ferrante, D. Impedovo, S. Impedovo, R. Modugno, G. Pirlo, E. Stasolla, C. A. Trullo

A Component-Oriented Approach for Developing a Mobile Financial Application System 222
Mohd Hairul Nizam Md. Nasir, Mustaffa Kamal Mohd Nor, Wan Ayuni, Wan Rozali, Noor Hafizah Hassan, Poon Kian Wah

Incorporating 3D-Virtual Walk-Through Feature in a Web-based Property Information System in Malaysian's Market 230
Mustaffa Kamal Mohd Nor, Mohd Hairul Nizam Md. Nasir, Wan Ayuni Wan Rozali, Noor Hafizah Hassan

Fuzzy Approach on Competence-Based Concept Structure Analysis and Clustering with Application in Linear Algebra Assessment 238
Jeng-Ming Yih, Yuan-Horng Lin, Tian-Wei Sheu

Digital Game-Based learning (DGBL) Model and Development Methodology for Teaching History 244
Wong Seng Yue, Nor Azan Mat Zin, Azizah Jaafar

A Multi-Agent Approach to E-Learning 252
Asma Moubaiddin, Nadim Obeid

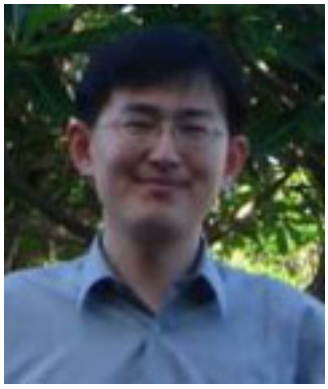
Performance Measurement and Management: What is Next? 258
Paolo Taticchi, Flavio Tonelli, Mohamed Sameh, Marco Botarelli

Indexing Pedagogical Learnear Object for Learning According to the Profile of the Learner 264
Soufiane Baribi, Abderrahim Benbouna, Mohamed Eladnani , Essaid El Bachari, Abdelwahed El Hassan

Extension of the Concept of Indexing in the Process of Educational E-Learning 273
Abderrahim Benbouna, Soufiane Baribi, Mohamed Eladnani, E. H. Abdelwahed

Plenary Lecture 1

Virtual or Reality? Does Educational Robots Really Be Useful?



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Abstract: Currently, the robot technology becomes mature. There are many robots could be used for teaching and learning in the world. In this talk, we will talk about researches of robots in education and applications of educational robots and puppets. Moreover, this talk will give audience a future education vision about combining the benefits of both information communication technologies (ICT) and reality companions. Also, this talk will reveal many research issues of deploying robots for educational purpose.

Brief Biography of the Speaker: Maiga Chang is Assistant Professor in the School of Computing Information and Systems, Athabasca University (AU), Athabasca, Alberta, Canada. He is the local chair of the 2nd IEEE Digital Game and Intelligent Toy Enhanced Learning (DIGITEL 2008) and the general co-chair of the 4th International Conference on e-Learning and Games (Edutainment 2009). He serves several peer-reviewed journals, including AU Press and Springer's Transaction on Edutainment, as editorial board members. He has participated in 67 international conferences/ workshops as a Program Committee Member and has (co-)authored more than 91 book chapters, journal and international conference papers. He has been a member of the International Who's Who of Professionals since 2000. In September 2004, he received the 2004 Young Researcher Award in Advanced Learning Technologies from the IEEE Technical Committee on Learning Technology (IEEE TCLT). He is a valued IEEE member for twelve years and also a member of ACM, AAAI, INNS, and Phi Tau Phi Scholastic Honor Society. His researches mainly focus on mobile learning and ubiquitous learning, museum e-learning, game-based learning, educational robots, learning behavior analysis, and data mining in e-learning.

Plenary Lecture 2

Web-based Collaborative Interior Design and Furniture e-commerce

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Abstract: Virtual reality technology is applied to Web-based interior design. Some special features can thus be easily implemented. For example, the top, front, side, and perspective views of a 3D interior design can be shown simultaneously. The four views can change to reflect movement of the user in a room. Users can collaborate to complete a design. On the other hand, one can act as a teacher and the others are students of interior design. Furthermore, a furniture company can use the interior design application to showcase and sell its products.

Brief Biography of the Speaker: Yen-Chun Lin received his BS degree in electrical engineering from National Taiwan University in 1977, MS degree in computer engineering from National Chiao Tung University in 1983, and PhD degree in electrical engineering from National Taiwan University in 1988. Since 1988 he has been on the faculty at National Taiwan University of Science and Technology. Dr. Lin has been a full professor since February 1993, in Department of Electronic Engineering before August 2001 and then in Department of Computer Science and Information Engineering. He served as Program Chair of the 2001 International Conference on Parallel and Distributed Computing, Applications, and Technologies and as Guest Editor of The Journal of Supercomputing, March 2003. Dr. Lin received Honorable Mention of Annual Best Paper Award of Journal of Information Science and Engineering in 2001. He was a Visiting Scientist at the IBM Almaden Research Center, San Jose, California, from 1993 to 1994. His research interests include parallel computing and Web-based applications. Dr. Lin is a member of the ACM and the IEEE Computer Society.

Authors Index

Ab Hamid, N. R. 23, 31
Abdelwahed, E. H. 273
Abdul Ghani, A. A. 105
Abdullah, A. H. 23
Ahlan, A. R. 13, 48
Al-Dhamoor, M. A.-A. 195
Aleksic-Maslac, K. 128
Al-Majali, E. K. 195
Alotaibi, M. B. 54
Arshad, H. 139
Arshad, Y. 13, 48
Ayuni, W. 222, 230
Baribi, S. 264, 273
Benbouna, A. 264, 273
Botarelli, M. 258
Chang, C. 189
Chang, M. 149, 172, 177, 183, 189
Chang, Y. F. 95, 172
Chen, C.-D. 86
Chen, Y.-F. 86
Cheng, S. S. 19, 38, 149
Dimauro, G. 216
Din, R. 166
El Bachari, E. 264
El Hassan, A. 264
Eladnani, M. 264, 273
Farn, C.-K. 60, 86
Ferrante, A. 216
Flavio Tonelli 258
Grbac, B. 42
Hassan, N. H. 222, 230
Hassan, R. 139
Heh, J.-S. 183, 189
Horani, B. A. 195
Huang, E. 68
Huang, L.-T. 60
Hussain, R. 13
Hussin, H. 48
Impedovo, D. 216
Impedovo, S. 216
Jaafar, A. 200, 244
Kawasaki, Y. 143
Kian Wah, P. 222
Ko, H. W. 149
Korican, M. 128
Kusdaryono, A. 160
Lee, K. 160
Lin, , H.-N. 183
Lin, C. H. 19, 38, 149
Lin, Y.-C. 205
Lin, Y.-H. 133, 238
Liu, E. Z. F. 19, 38, 95, 149, 172
Mahnic, V. 80
Mastor, K. A. 166
Mat Zin, N. A. 200, 244
Md. Nasir, M. H. N. 222, 230
Md. Yunus, A. S. 105
Modugno, R. 216
Mohd Nor, M. K. 222, 230
Moubaiddin, A. 252
Muntean, A. 122
Nicolae, I. 154
Obeid, N. 252
Omar, N. 139
Pan, C.-C. 205
Pirlo, G. 216
Pogarcic, I. 74
Popescu, C. 100
Popescu, G. 100
Pozenel, M. 80
Raspor, S. 74
Razak, N. A. 166
Repanovici, A. 154
Rigas, D. I. 54
Rozali, W. 222, 230
Rozanc, I. 80
Rus, V. 111, 117
Sahari, N. 105
Sahran, S. 139
Sameh, M. 258
Sasaki, H. 143
Selamat, H. 105
Sepic, T. 74
Sheu, T.-W. 133, 238
Soliman, T. 211
Stasolla, E. 216
Suhaimi, M. A. 48
Taticchi, P. 258
Teng, S. M. 38
Terasawa, T. 143
Toader, V. 111, 117
Toiruul, B. 160
Tomai, N. 122
Trullo, C. A. 216
Tung, Y. S. 38
Tutunea, M. 111, 117
Ueda, A. 143
Vasic, D. 128
Vrkic, M. 42
Wang, C.-C. 86
Wang, G. L. 19
Wu, S. 183, 189
Wu, Y.-H. 177
Wu, Z.-H. 177
Yamaguchi, H. 143
Yamaguchi, Y. 143
Yen, Y.-R. 68
Yih, J.-M. 133, 238
Yue, W. S. 244
Yusof, N. 200
Zakaria, M. S. 166
Zhu, Z.-T. 177