

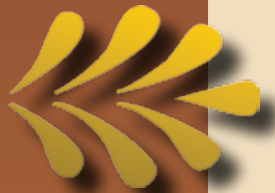
ICICTE 2008



**International Conference
on Information Communication
Technologies in Education**

Conference Programme

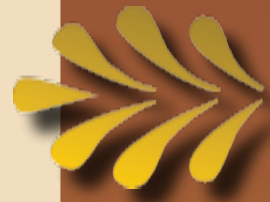
10 - 12 July • Corfu



International Conference on Information
Communication Technologies in Education 2008

CORFU HOLIDAY PALACE HOTEL
Nausicas Street, Kanoni, Corfu 49100, Greece
Tel: 0030 26610 36540 Fax: 0030 26610 36551
Email : reservations@corfuholidaypalace.gr

Programme



Wednesday, July 9

16:00 – 20:00

Pre-registration

Thursday, July 10

08:30 – 09:30

Registration

09:30 – 11:00

Opening Ceremonies and Keynote Address

(Main Hall)

Welcome

Ken Fernstrom, University of the Fraser Valley

Dr Vassilios Chrissikopoulos, Head of the Department of Informatics, Vice Rector of Financial Management and Development, Ionian University

Introduction of Local Dignitaries:

Nancy Pyrini, Conference Director, ICICTE 2008

Angela Gerekou, Member of the Parliament, Party PASOK, Constituency Corfu, Greece

Information and Communication Technologies in Education

Introduction of keynote speaker

Raymond Welch, University of the Fraser Valley

Keynote Address

Horizons for Learning

Dr Gilly Salmon

Professor of E-learning and Learning Technologies

University of Leicester

11:00 – 11:30

Coffee Break

11:30 – 13:00

Session 1: The Challenges of Change

(Main Hall)

Moderator: Dr Ġorġ Mallia, University of Malta

ICT Innovation Transforming the Heart of the Classroom

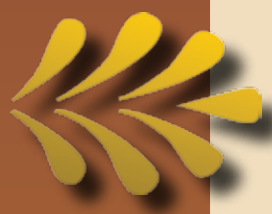
Stephen Harris, Principal, Northern Beaches Christian School, Director, Sydney Centre for Innovation in Learning, Australia

Open, Connected, Social – Implications for Educational Design

Alec Couros, PhD, Faculty of Education, University of Regina, Canada

Dealing with the Changing Technology of Distance Education

Dr T. Dececchi, Associate Dean, Division of Continuing Studies, Royal Military College of Canada & Dr Bernadette Dececchi, Staff Officer Learning Projects, Directorate of Learning and Innovation, Canadian Defence Academy, Canada



Educational Technology: An Ecumenical Stance

Dr Simon Shurville, Senior Lecturer Information Systems, School of Computer & Information Science, University of South Australia, Australia; Dr Sue Greener, Senior Lecturer in Management Education & Asher Rospigliosi, Senior Lecturer in E-Business & Management Information Systems, Brighton Business School, University of Brighton, UK

Session 2: Developing Media Competence
(Hall 1)

Moderator: Dr Marcie Boucavalas, Virginia Tech, USA

“Interactive School” – Learning with New Media/Information and Communication Technologies: Insights and Experiences

Jeannette Rester & Claudia Zentgraf, Division of Education and Technology, Department of General and Vocational Pedagogy, Technische Universität Darmstadt, Germany

Subjective Concepts of Media Competence

Dr Aiga von Hippel, Lehrstuhl Allg. Pädagogik und Bildungsforschung, Institut für Pädagogik, Ludwig-Maximilians-Universität, Germany

Help! I'm a Non-Specialist, Get Me Out of Here: Designing Support Mechanisms for the Non-Specialist

R. Ross, De Montfort University, UK

The Digital Reconstruction of Hyper-Reality in Postmodern ICT Learning Environments

Constantine Andoniou, Brisbane, Australia

Emerging Technologies and Teacher Incentives for Retooling

Lisa D. Clark, Instructor of Teacher Education, Mathematics and Computer Education, Medgar Evers College of the City University of New York & Raquel Bennett, Director of Associate of Arts, Teacher Education Program/Assessment Coordinator, Medgar Evers College of the City University of New York, USA

Session 3: Students' Experiences of ICT
(Hall 2)

Moderator: Peter Mayall, Curtin University of Technology, Australia

From Periphery to Participation: Examining Post-Secondary Students' Online Communication in a Collaborative Writing Project Using Wikis

Nargis Abraham, PhD, Program Head, Professional English Language Development British Columbia Institute of Technology & Valia Spiliotopoulos, PhD, Associate Director, Learning and Teaching Centre, University of Victoria, Canada

iPod Therefore I Can: Enhancing the Learning of Children with Intellectual Disabilities Through Emerging Technologies

Dr Genée Marks and Jay Milne, School of Education, University of Ballarat, Australia

Using Technology to Incorporate Students' Work-Based Experiences into a Blended Learning Environment

Tugrul Essendal, School of Computing, De Montfort University & Simon Rogerson, Centre for Computing and Social Responsibility, De Montfort University, UK

Using an Online Journaling Tool to Promote Elementary Students Self Reflection

Dr Chris Campbell, Lecturer in ICT in Education, Faculty of Education, Bendigo

La Trobe University & Dr Craig Deed, Lecturer in Education, Faculty of Education,
Bendigo, La Trobe University, Australia

Support Students' Outdoor Educational Activities with Handheld Technology
Daniel Churchill & David Kennedy, The University of Hong Kong, Hong Kong

13:00 – 14:30

Lunch

14:30 – 16:00

UFV Graduate Student Paper Presentations

(Main Hall)

Panel: Dr Greg Anderson, University of the Fraser Valley, (chair); Dr Gilly Salmon,
University of Leicester; Dr Karen Evans, University of the Fraser Valley; Dr Gorg
Mallia, University of Malta; Dr Henk Ejkman, Learning and Teaching Fellow,
University of New South Wales at the Australian Defence Force Academy

Assessing Quality of Critical Thought in Online Discussion

Lisa Weltzer-Ward, Walden University, Belgium; Dr Beate Baltes, Walden University,
Torrance, California, USA; & Dr Laura Knight Lynn, Walden University, Des Plaines,
Illinois, USA

*Adaptive E-Learning: Harnessing Mobile E-Learning to Enhance the Third Level Academic
Experience*

Olapeju Latifat Ayoola, Elaine McGovern, Eleni Mangina, & Rem Collier, School of
Computer Science and Informatics, University College Dublin, Ireland

Extraneous Information and Graph Comprehension: Implications for Effective Design Choices

Brandie M. Stewart, Jessica M. Cipolla, & Lisa A. Best, Department of Psychology,
University of New Brunswick, Canada

*Incorporating Pedagogical Principles in Developing an Adaptive Hypermedia Educational
System*

George Zardas, Isabella Kotini, & Athanasios Manitsaris, Department of Applied
Informatics, University of Macedonia, Greece

18:30

Opening Reception

July 11

09:30 – 11:00

Session 4: Strategies for Teaching, Learning and Assessment

(Main Hall)

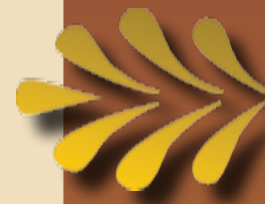
Moderator: Asher Rospigliosi, Brighton Business School, University of Brighton, UK

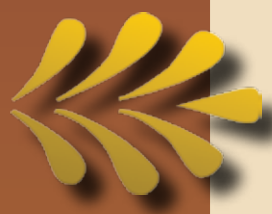
*An Evolution in Pedagogy: The Learning of Area and Perimeter in a Technology Enhanced
Classroom*

Nirendran Naidoo, School of Education, Durban University of Technology & Dr R.
Naidoo, Department of Mathematics, Durban University of Technology, South Africa

*External Representations and Problem Solving Competence: Do Graphs Improve Problem-
Solving in Students?*

Lisa A. Best, Brandie M. Stewart, & Katherine P. McGuire, Department of Psychology,
University of New Brunswick





A Biofeedback System for Singing Tuition of Children and Adolescents

Christopher Barlow, School of Computing and Communications, Southampton Solent University & Jude Brereton, AudioLab, Department of Electronics, University of York, UK

EduWear: Designing Smart Textiles for Playful Learning

Milena Reichel, Anja Osterloh, Eva-Sophie Katterfeldt, & Heidi Schelhowe, Digital Media in Education, University of Bremen, Germany; & Deirdre Butler, Digital Learning Group, Education Department, St. Patrick's College, Drumcondra, Ireland

Session 5: Shaping Social Construction

(Hall 1)

Moderator: Dr Henk S. Eijkman, University of New South Wales at the Australian Defence Force Academy

ICT as an Effective Education Vehicle for Socially Responsible Culture in the Office Environment

Dr Rob Gill & Associate Professor Kwamena Kwansah-Aidoo, Public Relations and Communications, Faculty of Higher Education, Swinburne University of Technology, Australia

Explicating the Shaping of Educational Technology: Social Construction of Technology in the Field of ICT and Education

Michael Klebl, FernUniversitaet/University in Hagen, Germany

Understanding the Motivation of Tertiary Students

G. Stewart Von Itzstein & Frank Fursenko, School of Computer and Information Science
University of South Australia, Australia

Online Graduate Students' Understanding of Information Ethics Issues: An Exploratory Study

Shaun A. Jackson, PhD candidate in Educational Technology, Walden University, Park City, Utah & Beate Baltes, PhD, Associate Director for Faculty Development, Walden University, USA

Session 6: Application of ICT: Case Studies

(Hall 2)

Moderator: Piers MacLean, Cranfield University, Defence Academy of the United Kingdom

An Introduction to Learning Management Systems

Kim Mahoney, The Hills Grammar School & Leanne Cameron, Macquarie e-Learning Centre of Excellence, Macquarie University, Australia

Bath, Drains and Web 2.0

Rod Angood, Director of Computer Services, University of Bath, UK

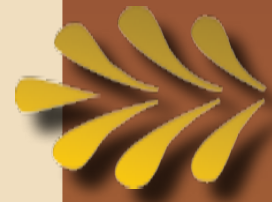
Migrating to Moodle: A Case Study Regarding a Department-Wide Implementation

Andreas Konstantinidis, PhD student; Pantelis M. Papadopoulos, PhD student; Thrasyvoulos Tsiatsos, Lecturer; & Stavros N. Demetriadis, Assistant Professor, Informatics Department, Aristotle University of Thessaloniki, Greece

Uses of Internet and Academic Performance in the Catalan University System

Jonatan Castaño Muñoz, Internet Interdisciplinary Institute, Universitat Oberta de

Catalunya (Open University of Catalonia, UOC) & Dr Josep Maria Duart Montoliu,
Universitat Oberta de Catalunya (Open University of Catalonia, UOC), Spain.



*Driving and Implementing Technological Change in Irish Universities – National and Sector
ICT Responses to Flexible Learning and Delivery*

Mairéad Nic Giolla Mhichíl, School of Fiontar, Dublin City University, Ireland

11:00 – 11:30

Coffee

11:30 – 13:00

Posters Session

A Successful Take Off Happens Only After Sufficient Ground Work!

Handan Girginer, Anadolu University, Turkey

Pain-free Evaluation: What Do We Miss?

Elif Semanur Mutlu, Anadolu University, Turkey

“HEROES” of My Vocabulary Improvement

Filiz Karabulut, Anadolu University, Turkey

Designing a Multi-grade Health Research Education Program: Effective Research Program

Hadi Zamanian, Tehran University of Medical Sciences, Tehran, Iran and Soudabeh

Jamalof, Azad University, Iran

Workshop 1: So Many Courses. . .So Little Time

(Hall 1)

Facilitator: Dr Maple Melder Crozier, The School of Child Youth and Family Studies,
University of the Fraser Valley, Canada

Workshop 2: Gr8 ZZZZ@Uni, M8!: New Technology Induced Social and Cognitive

(Main Hall)

Change and Implications for the Tertiary Classroom

Facilitator: Dr Gorg Mallia, University of Malta

13:00 – 14:30

UFV President’s Lunch

Dr Karen Evans, Associate Vice President, Teaching and Development,
University of the Fraser Valley

14:30 – 16:00

Session 7: Media and Technological Determinism

(Main Hall)

Moderator: Barry O’Grady, Curtin University of Technology, Australia

*Infographic Analysis: Theoretical Approximations towards an Analytical Model of Learning in
ICT Educational Settings*

Constantine Andoniou, Brisbane, Australia

Learning with Interactive Multimedia: A Case Study

Chunyu Cong and Bernard Scott, Cranfield University, Defence Academy of the
United Kingdom



Eurolearn-European Welder: Blended Learning for Welding Engineer Education
Efsthios Mavrotheris, Open University of Cyprus; Erik Engh, QM Soft, Norway; &
Maria Meletiou-Mavrotheris, European University Cyprus

An Alternative Approach on Open/Distance Learning through Webcasting System
Michail Giannakos, PhD candidate, Ionian University, Greece

Session 8: ICT Special Applications
(Hall 1)

Moderator: Leanne Cameron, Macquarie University, Australia

Interactive Multimedia Learning for Children with Communication Difficulties using the Makaton Method

Ioannis Deliyannis & Christina Simpsiri, Department of Audiovisual Arts, Ionian University, Greece

Digital Storytelling and Digital Literacy Learning

Natalia Churchill, Singapore International School, Hong Kong; Lim Cher Ping & Grace Oakley, Edith Cowan University, Australia; & Daniel Churchill, The University of Hong Kong

Teaching Basic Number Theory to Students with Speech and Communication Disabilities Using Multimedia

Ioannis Deliyannis, Department of Audiovisual Arts; Panayiotis Vlamos, Department of Informatics; & Andreas Floros, Tania Tsiridou & Christina Simpsiri, Department of Audiovisual Arts, Ionian University, Greece

Using Game Playing Techniques to Enhance the Teaching of English in Commerce
Peter Mayall, Curtin University of Technology, Australia

Session 9: Communities of Practice
(Hall 2)

Moderator: Dr Anders D. Olofsson, Umeå University, Sweden

Communities of Practice, Activity Theory and Distributed Learning

Dimitris Zondiros, Department of Marketing, Technological Education Institution (TEI) of Athens, Greece

Strategies for Cultivating Communities of Cooperative Teachers: A 2-Year Project for Teacher Training in the Educational Use of LMS Platform

Neuza Pedro, Madalena Santos, & João Filipe Matos, Centre for Research in Education, Faculty of Sciences of University of Lisbon, Portugal

An Investigation into the Integration of Computer Technology in Higher Education: A Comparative Study of Public and Private Sector Universities in Pakistan

Mrs. Sadia Khushnoor, Lecturer (IT & MS department), National University of Modern Languages and Sciences, Pakistan

Learning to Change: Factors That Facilitate or Hamper the Use of ICT in School from the Teachers' Perspective

Tamar Levin, Department of Curriculum & Instruction, School of Education, Tel Aviv University & Rivka Wadmany, Kiboutzim College & Teachers College of Technology, Israel

16:00 – 16:30

Coffee

16:30

Philosopher's Café

Moderator: Dr Marcie Boucavalas, Virginia Tech, USA

Speaker: Dr Gilly Salmon, University of Leicester, UK

Meet the conference keynote speaker for extended discussion and a Q&A session on themes and issues raised in the Keynote Presentation.

July 12

09:30 – 11:00

Session 10: ICT and Professional Development

(Main Hall)

Moderator: Dr Thomas Dececchi, Royal Military College of Canada

Could Pedagogical Planners be a Useful Learning Design Tool for University Lecturers?

Leanne Cameron, Macquarie e-Learning Centre of Excellence, Macquarie University, Australia

Teacher Professional Development on the Internet – A Study of the Swedish Informal Online Learning Community Lektion.Se

Dr Anders D. Olofsson, Department of Education, Umeå University, Sweden

An e-Learning Course on e-Learning for Staff in Higher Education

Piers MacLean & Bernard Scott, Cranfield University, Defence Academy of the United Kingdom, UK

Teacher Professional Development in Statistics: New Venues through Distance Learning

Maria Meletiou-Mavrotheris, European University Cyprus; Efstathios Mavrotheris, Open University of Cyprus; & Efi Papparistodemou, European University Cyprus

Session 11: Preparing, Motivating and Guiding Students

(Hall 1)

Moderator: Raymond Welch, University of the Fraser Valley, Canada

The Examination Game Revisited: An Analysis of Assessment Practices in Online Courses

Agneta Hult, PhD, Senior Lecturer, Dept. of Education, Umeå University, Sweden

Preparing University Students for Peer Assessment in Asynchronous Text Discussions – A Case Study

Monica Liljeström, Department of Education, Umeå University, Sweden

Virtual World – Real Student Motivation?

Neville Palmer & Jomo Batola, Faculty of Technology, Southampton Solent University, UK

Common Factors Influencing Success in the Online Environment

Stephen Harris, Principal, Northern Beaches Christian School, Director, Sydney Centre for Innovation in Learning, Australia

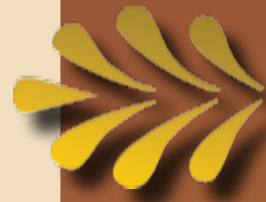
Learning Styles as a Tool for Personalization in Online Learning

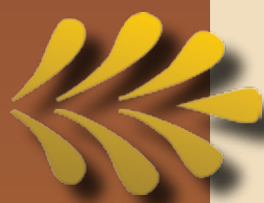
Maria Zajac, Computer Science Department, Pedagogical University Krakow, Poland

Session 12: The Architecture of Learning

(Hall 2)

Moderator: Ken Fernstrom, University of the Fraser Valley, Canada





Professional Knowledge Construction in Teaching through Online Questions
Zvia Lotan, Levinsky College of Education, Israel

A Proposed Query Optimization Method to Boost Students Use of Search Engines
Amine V. Bitar & Antoine M. Melki, Department of Computer Science, University of Balamand, Lebanon

Towards Web 2.0 Enabled Postcolonial Learning in Transcultural Higher Education
Dr Henk Eijkman, Learning and Teaching Fellow, University of New South Wales at the Australian Defence Force Academy, Australia

Student Use of Online Resources as a Function of Integration into Course Assignments: A Comparative Study
Ilias Karasavvidis, Department of Preschool Education, University of Thessaly, Greece

How does Computer Based Simulator-Training Impact on Group Interaction and Proficiency Development?
Tor Söderström & Lars-Olof Häll, Department of Education, Tore Nilsson & Jan Ahlqvist, Oral and Maxillofacial Radiology, Umeå University, Sweden

11:00 – 11:30

Coffee

11:30 – 13:00

Workshop 3: Implementing Learning using Mobile Devices: Lessons from Athabasca University – Canada's Open University

Facilitator: Dr Rory McGreal, Athabasca University, Canada

Workshop 4: Information and Communication Technologies and the Issue of Cultural Humor

Facilitator: Dr Marcie Boucavalas, Virginia Tech, USA

13:00 – 14:30

Lunch

14:30

Closing Ceremonies
(Main Hall)

Friends of the Conference Recognition Awards:
Peter Mayall and Barry O'Grady

UFV Graduate Student Paper Prize
Dr Greg Anderson, Chair, Scientific Committee, ICICTE 2008

Closing Remarks
Ken Fernstrom, University of the Fraser Valley

20:00

Greek Night

Tavern "Tripa"

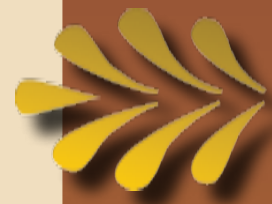
Village of Kinopiastes (seven kilometres south-west of Corfu Town)

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Corfu (Kerkyra)

Tel: +30 26610 56333

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