

# ICICTE 2009



International Conference  
on Information Communication  
Technologies in Education

Conference Programme

9 - 11 July • Corfu



# Conference Programme



**Wednesday, July 8, 2009**

16:00 – 20:00

Pre Registration and Social

**Thursday, July 9, 2009**

08:30 – 09:30

Registration

09:30 – 11:00

**Opening Ceremonies and Keynote Address**

*Hall I: KERKYRA BALLROOM*

Welcome

Raymond Welch, Chair, Steering Committee

University of the Fraser Valley

Introduction of local dignitaries

Nancy Pyrini, Conference Director

Dr. Vassilios Chryssikopoulos, Head of the Department of Informatics

Vice Rector of Financial Management and Development

Ionian University

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

Introduction of keynote speaker

Ken Fernstrom, Chair, Publications and Promotions Committee

University of the Fraser Valley

**Keynote Address**

A LIFE BEYOND THE GOLDEN ARCHES

Dr Simon Shurville

Senior Lecturer, University of South Australia

AUSTRALIA

11:00 – 11:30

**Coffee Break**

11:30 – 13:00

**Concurrent Sessions**

**Session 1**

**Teachers' Professional Development**

*Hall I: KERKYRA BALLROOM*

Moderator: Tony Whitefield, Swinburne University of Technology, AUSTRALIA

TECHNOLOGY-ENHANCED TEACHERS' PROFESSIONAL DEVELOPMENT: STUDY OF FOUR CASES IN CHINA

Jianli Jiao, Xiaodong Wang, & Dan Qin, South China Normal University, CHINA



# Conference Programme

TECHNOLOGY-ENHANCED TEACHERS' PROFESSIONAL DEVELOPMENT: A LITERATURE REVIEW IN CHINA

Jianli Jiao, Xiaodong Wang, & Yimin Jia, South China Normal University, CHINA

TECHNOLOGY ENHANCED TEACHER PROFESSIONAL DEVELOPMENT — FOUR CASES IN SWEDEN FOR TEACHERS PROFESSIONAL DEVELOPMENT AND THE USE OF ICT

Ola Lindberg & Limin Gu, Mid Sweden University, SWEDEN

IMPLEMENTING ICT IN EDUCATION — MORE THAN BUILDING THE INFRASTRUCTURE?

Limin Gu & Ola Lindberg, Mid Sweden University, SWEDEN

## Session 2

### Applications of ICT in Medicine

*Hall II: ITHACA*

Moderator: Anders Olofsson, Umeå University, SWEDEN

UTILIZING A LEARNING MANAGEMENT SYSTEM IN A BLENDED LEARNING DESIGN TO ENHANCE SELF-REGULATED LEARNING STRATEGIES IN A BACCALAUREATE NURSING FUNDAMENTALS COURSE

Sharon Bratt, Irene Coulson, & Sandra Kostashuk, Grant MacEwan College, CANADA

PHEROMONE THERAPY: DESIGN FOR LEARNING ONLINE

Sue Watling, University of Lincoln, UK

USING E-LEARNING TO IMPROVE PRESCRIBING PRACTICE IN EMERGING PRESCRIBERS

Karen Baskett & Meg Stuart, National Prescribing Service, AUSTRALIA

INTEGRATING COMPUTER SIMULATION TRAINING INTO MEDICAL CURRICULUM — A QUICK AND BASIC APPROACH

Lars-Olof Häll, Tor Söderström, Jan Ahlqvist & Tore Nilsson, Umeå University, SWEDEN

EVALUATION OF MOBILE AUTHORIZING AND TUTORING IN MEDICAL ISSUES

Efthymios Alepis & Maria Virvou, University of Piraeus, GREECE

## Session 3

### New Technologies in Business Education

*Hall III: LEFKAS*

Moderator: Moshe Leiba, Tel Aviv University, ISRAEL

QUALITY ASSURANCE OF TRANSNATIONAL VIRTUAL HIGHER EDUCATION: LESSONS LEARNED FROM A BUSINESS STUDIES PROGRAM DELIVERED IN SUB-SAHARAN AFRICA

Martijntje M. Kulski & Victor Egan, Curtin University of Technology, AUSTRALIA

# Conference Programme



THE IMPLEMENTATION OF NEW TECHNOLOGIES IN EDUCATION:  
TEACHING ECONOMICS IN POST-SECONDARY LEVEL  
Eleni Tsami, University of Piraeus, GREECE

MAKING ROOM TO RECONCEPTUALISE LEARNING IN BUSINESS:  
EDUCATIONAL TECHNOLOGIES AND TEACHING SPACES  
Carolyn Woodley & Theo Papadopoulos, Victoria University, AUSTRALIA

CONNECT OR DISCONNECT: THE INFLUENCE OF TECHNOLOGY-ENABLED  
UNIVERSITY SUPPORT SERVICES ON ENTREPRENEURIAL INTENTIONS  
M J Scheepers & J Hough, University of Stellenbosch, SOUTH AFRICA

THE USE OF SPREADSHEET MODELLING IN THE TEACHING OF CORPORATE  
FINANCE  
Carlos Correia, University of Cape Town, SOUTH AFRICA  
Peter Mayall, Curtin University of Technology, AUSTRALIA

13:00 – 14:30

**Lunch**

14:30 – 16:00

**Concurrent Sessions**

**Session 4**

**ICT in Teaching Mathematics**

*Hall 1: KERKYRA BALLROOM*

Moderator: Peter Mayall, Curtin University of Technology, AUSTRALIA

OUR NEXT GENERATION OF ROBOTICS RESEARCHERS? TEACHING ROBOTICS AT  
PRIMARY SCHOOL LEVEL

Chee Kit Wong, Industrial Research Limited; Wai-Kiang Yeap, AUT University, NEW  
ZEALAND & Jochen Schmidt, Continental, Advanced Driver Assistance Systems,  
GERMANY

CLASSROOM INTERVENTION AFTER TEACHERS' PEDAGOGICAL AND  
CONTENT KNOWLEDGE OF STATISTICS THROUGH DISTANCE LEARNING  
Efi Papatistodemou & Maria Meletiou-Mavrotheris, European University Cyprus; &  
Efstathios Mavrotheris, Open University of Cyprus, CYPRUS

A STUDY ON EFFECTIVENESS AND COGNITIVE LOAD OF SECONDARY MATH  
TEACHING USING DYNAMIC GEOMETRY SOFTWARE PG\_LAB  
Shuanyue OuYang, Liming Zhang, & Ngaihong Chan, University of Macau, CHINA

SMASH: ONLINE TRAINING IN MATHEMATICS AND SCIENCE EDUCATION FOR  
PARENTS

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



# Conference Programme

UNDERGRADUATE PRIMARY TEACHERS' LEARNING STYLES AND THEIR USE OF ICT & NATIONAL MATHEMATICS SOFTWARE  
Spyros Doukakis & Maria Chionidou-Moskofoglou, University of the Aegean, GREECE & Eleni Mangina-Phelan, University College Dublin, IRELAND

## Session 5

### **ICT: Teacher Competence and Student Applications**

*Hall II: ITHACA*

Moderator: Despina Whitefield, Victoria University, AUSTRALIA

USING WEB BLOGS AS A TOOL TO ENCOURAGE PRE-CLASS READING, POST-CLASS REFLECTIONS AND COLLABORATION IN HIGHER EDUCATION

Hind Al-Fadda & Maha Al-Yahya, King Saud University, SAUDI ARABIA

WINNING STRATEGIES: TECHNOLOGY + TEACHERS = TRANSFORMATION

Steve Herbert, Parliamentary Secretary for Education, Victorian Government, AUSTRALIA

INTRODUCING PRESERVICE TEACHERS TO FREE AND OPEN SOURCE SOFTWARE: FINDINGS FROM A CASE STUDY

Ilias Karasavvidis, University of Thessaly, GREECE

KNOWING ABOUT ICT IN EDUCATION: REDEFINING DIGITAL COMPETENCE FOR TEACHERS?

J Ola Lindberg, Mid Sweden University, SWEDEN

RESEARCHING THE PAST TO RETOOL IN THE PRESENT FOR ACCESS TO THE FUTURE

Lisa D. Clark & Raquel Bennett, Medgar Evers College of the City University of New York, USA

## Session 6

### **Constructivism in Web Cultures**

*Hall III: LEFKAS*

Moderator: Barry O'Grady, Curtin University of Technology, AUSTRALIA

A STUDY ON DEVELOPMENT OF DIGITAL CONTENT OF HUMAN-RESOURCE-MANAGEMENT PROGRAMS AT TECHNICAL UNIVERSITIES AND COLLABORATIVE E-LEARNING PLATFORM UNDER THE PRINCIPLES OF CONSTRUCTIVISM

Chuan-Yuan Shin, Ruey-Gwo Chung, Yi-Wen Guo, & Ting-Jian Liao, National Changhua University of Education and Hsiuping Institute of Technology, TAIWAN

DO STUDENTS' FORMER ICT EXPERIENCES INFLUENCE PATTERNS OF PARTICIPATION IN ONLINE HIGHER EDUCATION? A CASE STUDY ON A SWEDISH LEADERSHIP AND COACHING PROGRAMME

Anders D. Olofsson, Tor Söderström, & Ulf Stödberg, Umeå University, SWEDEN

# Conference Programme



THE IMPACT OF THE WEB CULTURE ON EDUCATION

Maria Victoria G. Pineda, De La Salle University-Manila, PHILIPPINES

ARE STUDENTS' ATTITUDES TOWARDS COLLABORATION MIRRORED IN ONLINE EDUCATION?

Tor Söderström, Anders D. Olofsson, & Ulf Stödberg, Umeå University, SWEDEN

TOWARDS ACTIVE CITIZENSHIP USING ICT

Eleni Christopoulou, Ionian University & Dimitrios Ringas, Second Chance School of Corfu, GREECE

16:00 – 17:00

## **UFV Graduate Student Paper Presentations**

*HALL I: KERKYRA BALLROOM*

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

COMBINATION OF EDUCATION TECHNOLOGIES FOR THE ENHANCEMENT OF AN ASYNCHRONOUS SYSTEM

Michael Giannakos, Ionian University, GREECE

PEDAGOGIES OF USING INTERACTIVE WHITEBOARDS (IWBS) IN EXEMPLARY TEACHING IN ONE HIGHER EDUCATION INSTITUTION

Claire Mann, University of Nottingham, UK

RETHINKING THE CONCEPTUALISATION OF ONLINE EDUCATION

Jimmy Jaldemark, Mid-Sweden University, SWEDEN

21:00

## **Opening Reception**

*CORFU HOLIDAY PALACE, SWIMMING POOL AREA*

## **Friday, July 10, 2009**

09:30 – 11:00

### **Concurrent Sessions**

#### **Session 7**

#### **Wikis and Weblogs for Learning**

*Hall I: KERKYRA BALLROOM*

Moderator: Beate Baltes, Walden University, USA

WHOSE SPACE IS IT ANYWAY? AN EXPLORATORY STUDY OF STUDENTS' USE OF MYSPACE.COM FOR EDUCATIONAL PURPOSES

M O Thirunarayanan & Pamela Moore, Florida International University, USA



# Conference Programme

## ICT INTEGRATION IN LEARNING ORGANISATIONS: POTENTIALS OF THE 'INTERMEDIATE SPACE' FOR VIRTUAL LEARNING ENVIRONMENTS

Andrew Hall, University of Manchester, UK & Claudia Zentgraf, Technische Universität Darmstadt, GERMANY

THE WIKI FACTOR: HOW STUDENTS LEARN TO LOVE GROUP WORK  
Charlotte Brack & Marie-Paule Van Damme, Monash University, AUSTRALIA

IMPLEMENTING E-PORTFOLIOS: FIRST STEPS — LESSONS LEARNT  
Malcolm Smith & Clare Wolfenden, UK

### Session 8

#### **Simulations to Enhance Learner Outcome**

*Hall II: ITHACA*

Moderator: Asher Rospigliosi, University of Brighton, UK

LEARNING ABOUT ECONOMIC VALUATION OF THE ENVIRONMENT USING ONLINE SIMULATIONS

Tiho Ancev, The University of Sydney, AUSTRALIA

BLENDING THE 'VIRTUAL' AND THE 'REAL' — USING FREEWARE 3-D SIMULATION TO ENHANCE REALISM IN AUDIO ENGINEERING

Christopher Barlow & Sean Lancaster, Southampton Solent University, UK

USING FICTIONAL CHARACTERS AS STUDENTS' ALTER EGOS IN PARTICIPATORY DESIGN SESSIONS

George Triantafyllakos, George Palaigeorgiou & Ioannis A. Tsoukalas, Aristotle University of Thessaloniki, GREECE

THE NEED FOR EFFICIENT AND FLEXIBLE EDUCATIONAL IMAGERY — WHEN AMBITIOUS VISUALIZATION PRODUCTS MEET THE CONTEXT OF ACTUAL LEARNING ENVIRONMENTS

Maria Spante, Chalmers University of Technology; Thommy Ericsson, IT University; Maria Sunnerstam & Michael Axelsson, Gothenburg University. SWEDEN; & Cammy Huang-De Voss, Stanford University, USA

INTEGRATING GAMEPLAY AND LEARNING IN VIDEOGAMES

Kostas Anagnostou, Ionian University & Anastasia Pappa, IT in Science Education, GREECE

### Session 9

#### **Simulations to Enhance Learner Outcome**

*Hall III: LEFKAS*

Moderator: Tor Soderström, Umeå University, SWEDEN



# Conference Programme



THE IMPACT OF INTERACTIVE COMMUNICATION TOOLS IN ONLINE LEARNING COMMUNITIES

Nick Linardopoulos & Kristen Betts, Drexel University, USA

FACULTY EXCHANGE PERIODS — MAIN OBSTACLES AND POSSIBLE SOLUTIONS FROM FACULTY VIEWPOINT

Juha Kontio, Turku University of Applied Sciences, FINLAND

USING SHORT MESSAGE SERVICE (SMS) TO ENHANCE TEACHING AND LEARNING

Christine Armatas, Hong Kong Polytechnic University, HONG KONG; Carolyn Woodley Victoria University; Katie Berman, Monash University; & Andrew Jago, Victoria University, AUSTRALIA

Modern methods of learning text publication

Jiří Týř, Technical University of Liberec, CZECH REPUBLIC

11:00 – 11:30

**Coffee Break**

11:30 – 13:00

**Concurrent Sessions**

## **Session 10**

### **Facilitating ICT Adoption**

*Hall I: KERKYRA BALLROOM*

Moderator: Christopher Barlow, Solent University, UK

STUDENTS' RESEARCH SELF-EFFICACY DURING ONLINE DOCTORAL RESEARCH COURSES

Beate Baltés, Peter Hoffman-Kipp, Laura Lynn, Kurt Schoch, & Lisa Weltzer-Ward Walden University, USA

COLLABORATIVE LEARNING AS PEER REVIEW IN ONLINE AND DISTANCE EDUCATION

Monica Liljeström & Agneta Hult, Umeå University, SWEDEN

THE EPISTEMOLOGY WAR: WIKIPEDIA, WEB 2.0, THE ACADEMY, AND THE BATTLE OVER THE NATURE AND AUTHORITY OF KNOWLEDGE

Henk Eijkman, University of New South Wales at the Australian Defence Force Academy, AUSTRALIA

THE EFFECTIVENESS OF AN INTERACTIVE COURSEWARE USING THREE DIFFERENT STRATEGIES

Teoh Sian Hoon, Universiti Teknologi MARA; Toh Seong Chong & Nor Azilah Ngah, Universiti Sains Malaysia; & Kor Liew Kee, Universiti Teknologi MARA, MALAYSIA



# Conference Programme

## ENHANCING LEARNING AND SOCIABILITY IN PROVINCIAL SCHOOLS USING VIRTUAL REALITY TECHNOLOGIES

Kostas Anagnostou, Konstantinos Chorianopoulos, & Katia L. Kermanidis,  
Ionian University, GREECE

### **Session 11**

#### **The Uses of Source Material, and The Uses of ICT in English as a Foreign Language (EFL) Courses**

Hall II: ITHACA

Moderator: Cheryl Isaac, University of the Fraser Valley, CANADA

#### ICT IMPLEMENTATION IN THE IRANIAN EDUCATIONAL SYSTEM AND ITS PERCEPTION BY THE EFL TEACHERS AS A BENEFICIAL TECHNOLOGY

Mehran Ghafoori, Azad University, IRAN

#### DEVELOPING A PEDAGOGICAL FRAMEWORK FOR ICT USE IN LANGUAGES CLASSROOMS

Liam Morgan, University of Technology, AUSTRALIA

#### WHO STRUGGLES WITH ACADEMIC LITERACY? CHALLENGING COMMON ASSUMPTIONS OF WHICH STUDENTS ENGAGE IN PLAGIARISM

Marilyn Kell & Robyn Gregson, University of Western Sydney, AUSTRALIA

#### KAIRION: TOWARDS A TECHNOLOGY-BASED PEDAGOGY OF SOURCE USE PRACTICE

Andreas Karatsolis, Carnegie Mellon University, QATAR

### **Session 12**

#### **Participation in Learning Communities**

Hall III: LEFKAS

Moderator: J Ola Lindberg, Mid Sweden University, SWEDEN

#### SUPPORTING USER PARTICIPATION IN DEVELOPING MOBILE TECHNOLOGY TO HELP YOUNG PEOPLE WITH AUTISM: THE HANDS SMARTPHONE PROJECT

Cristina Devecchi, Joseph Mintz, & Caty March, London South Bank University, UK

#### DESIGNING INTEGRATED ONLINE EXERCISES FOR ADVANCED SECOND-LANGUAGE USERS OF ENGLISH TO PRACTISE SUMMARISING TECHNICAL SUBJECT CONTENT

Angela P Cheater, Macao Polytechnic Institute, CHINA

#### SUPPORTING ONLINE LEARNING TEAMS USING P2P TECHNOLOGIES

Fatos Xhafa, Technical University of Catalonia & Santi Caballé, Open University of Catalonia, SPAIN; & Leonard Barolli, Fukuoka Institute of Technology, JAPAN

# Conference Programme



IT'S ALL ABOUT VIDEO CONFERENCING — TOWARDS A SUSTAINABLE E-LEARNING APPROACH IN DEVELOPING REGIONS IN BOLIVIA

Ulf Stödborg, Carljohan Orre, Umeå University, SWEDEN

13:00 – 14:30

**UFV President's Lunch**

14:30 – 16:00

**Posters Session & Workshops**

## **POSTERS SESSION**

*Hall I: KERKYRA BALLROOM*

FUSING ASTRONOMY AND ICT: ADVANCING PRIMARY SCIENCE EDUCATION IN AN EFL COUNTRY

Peter Hudson, Queensland University of Technology, AUSTRALIA

PRESERVICE TEACHERS' USAGE OF ICT TO PRESENT UNDERSTANDINGS ABOUT MIDDLE YEARS OF SCHOOLING

Sue Hudson & Peter Hudson, Queensland University of Technology, AUSTRALIA

CONSTRUCTION AND DELIVERY OF AN EFFECTIVE INTEGRATED INFORMATION TECHNOLOGY COURSE

Bill Buckingham, St. Michaels University School, CANADA

HIGHER EDUCATION, MOBILE LEARNING AND MODERN FOREIGN LANGUAGES: THE IMPORTANCE OF THE HUMAN FACTOR

Nathalie Ticheler, London Metropolitan University, UK

INSTRUCTIONAL TECHNOLOGY — IPHONE IN BIOLOGY TEACHING

Lifang Tien, Houston Community College, USA

MONITORING KNOWLEDGE SHARING SOCIAL NETWORKS IN DISTRIBUTED COMMUNITIES

Rita Cadima & Carlos Ferreira, Polytechnic Institute of Leiria, PORTUGAL; Josep Monguet, Jordi Ojeda & Joaquin Fernandez, Polytechnic University of Catalonia, SPAIN

CLICKERS: CAN A SIMPLE TECHNOLOGY INCREASE STUDENT ENGAGEMENT IN THE CLASSROOM?

Erin S. Lane, The University of British Columbia, CANADA

WHOSE SLIDE IS IT, ANYWAY? VISUALLY SPARSE SLIDES HELP STUDENTS, BUT CHALLENGE LECTURERS

Andy M. Morley, Chris J. Atherton, & Melanie Pitchford, University of Central Lancashire, UK



# Conference Programme

CAN STUDENTS LEARN EFFECTIVELY THROUGH THE USE OF WEB 2.0 APPLICATIONS?

Aneka Patel, Harper Adams University College, UK

USE OF COMMERCIAL VIDEO GAMES AS EDUCATIONAL TOOLS IN PRIMARY SCHOOLS: THE CASE OF NINTENDO'S ANIMAL CROSSING

Lisa Hopkins, University of Lincoln, UK

VIDEOCONFERENCING PROVES A VERSATILE TOOL OF PROMOTING E-LEARNING THROUGH ENGLISH IN FIVE EUROPEAN INSTITUTIONS

Yiola Papadopoulou & Salomi Papadima-Sophocleous, Cyprus University of Technology, CYPRUS

## WORKSHOP 1

WHAT CAN WE LEARN ABOUT THE ONLINE LEARNER FROM AFAR?

*Hall II: ITHACA*

Facilitator: Moshe Leiba, Tel Aviv University, ISRAEL

## WORKSHOP 2

CLICKERS: HOW TO EFFECTIVELY USE A SIMPLE TECHNOLOGY TO INCREASE STUDENT ENGAGEMENT IN YOUR CLASS

*Hall III: LEFKAS*

Facilitator: Erin Lane, The University of British Columbia, CANADA

16:30

### **Philosophers' Cafe**

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

Speaker: Simon Shurville, University of South Australia, AUSTRALIA

Meet the conference keynote speaker for an extended discussion and question and answers. No-host bar.

21:30–23:30

### **2009: The International Year of Astronomy**

**Astronight: Viewing the Magnificent Sky above Corfu**

*VLACHERNA CHAPEL*

The Astronomical Society of Corfu invites conference participants to observe the magnificent sky above Corfu on Friday, July 10. The observation will start at 9:30 at the Vlacherna chapel right under the Hotel (opposite Pontikonisi island). This is the perfect location because we will be able to observe a wide part of the sky. We intend to stay until 11:30 but if there is great interest we can go later.

We will observe Saturn (visible 9:30–10:00), Jupiter, the moon (visible from 10:30), as well as constellations and nebulae. Your guides for a tour of the night sky will be astrophysicist Dr Anastasia Pappa and observational astronomers Spiros Chondrogiannis, Telis Kotinas, Kostas Papadatos, and Amalia Poulimenou.

# Conference Programme



The Astronomical Society of Corfu was established in 1927 and attracted 800 members from all over the world. In 1932 the Society was recognized by the prestigious Academy of Athens for their contribution to the dissemination of science in Greece. Ceasing their activities with the outbreak of WWI, the Society was re-established in 1996.



The Society runs a library with over 500 books and 200 DVDs for schoolchildren as well as adults. They deliver workshops and presentations for schools and organise lecture series for the public. In the summer they take their telescopes and organise astronights all over the island.

**Saturday, July 11, 2009**

09:30 – 11:00

**Session 13, Workshop 3, Workshop 4**

## **Session 13**

### **Research Methods in Data Acquisition**

*Hall I: KERKYRA BALLROOM*

Moderator: Agneta Hult, Umeå University, SWEDEN

TEACHER-STUDENT INTERACTIONS AND LEARNING OUTCOMES: MOVING FROM DESCRIPTIVE TO PRESCRIPTIVE RESEARCH

Baruch Offir, Yosef Lev, Orit Zeichner, & Nava Wengrowicz, Bar-Ilan University, ISRAEL

INVARIANCE OF AN EXTENDED TECHNOLOGY ACCEPTANCE MODEL ACROSS GENDER AND AGE GROUP

Tunku Badariah Tunku Ahmad, Kamal Basha Madarsha, Ahmad Marzuki Zainuddin, Nik Ahmad Hisham Ismail, & M. Sahari Nordin, International Islamic University, MALAYSIA

RESEARCH ON IMPROVING PROCESS ASSESSMENT SYSTEM OF DISTANCE EDUCATION BASED ON DATA MINING

Yao Jun, Cheng Hua, & Ying Wei Yong, University of Science and Technology, CHINA



# Conference Programme

TUTORING THE ELDERLY ON THE USE OF RECOMMENDING SYSTEMS

Anastasios Savvopoulos & Maria Virvou, University of Piraeus, GREECE

ANYWHERE AND ANYTIME: EVALUATING STUDENTS' BEHAVIORS IN SCIENCE WEB- BASED LEARNING ENVIRONMENT USING LOG FILE ANALYSIS  
Galit Ben-Zadok, Moshe Leiba, & Rafi Nachmias, Tel Aviv University; & Rachel Mintz, The Center for Educational Technology, ISRAEL

WORKSHOP 3

EXPLORING GLOBAL PORTALS

*Hall II: ITHACA*

Facilitator: Marcie Boucouvalas, Virginia Tech Graduate Center, USA

WORKSHOP 4

FORMALISING INFORMALITY? CAN INCIDENTAL, INFORMAL LEARNING BE INTEGRATED WITHIN INSTRUCTIONAL DESIGN?

*Hall III: LEFKAS*

Facilitator: Gorg Mallia, University of Malta, MALTA

11:00 – 11:30

**Coffee Break**

11:30 – 13:00

**Concurrent Sessions**

**Session 14**

**Research into ICT Applications**

*Hall I: KERKYRA BALLROOM*

Moderator: Johan Hough, University of Stellenbosch, SOUTH AFRICA

NEW CONCEPT IN REMOTE LABORATORY: HIGH-SPEED MULTITASK SYSTEM DEVELOPED AS ONLINE RECONFIGURABLE PLATFORM

Codrin Donciu, Oana Costea, & Marinel Temneanu, Technical University of Iasi, ROMANIA

RESEARCH ON THE EXPERIMENT ENVIRONMENT IN DISTANCE ENGINEERING EDUCATION

Cheng Hua, Ying Wei Yong, & Yao Jun, University of Science and Technology, CHINA

TEACHING 'LINUX AS A FORENSIC TOOL' (ONLINE) TO EUROPEAN LAW ENFORCEMENT

Paul Stephens, Canterbury Christ Church University, UK

# Conference Programme



TEACHING CONCEPTS IN MICROCONTROLLER EDUCATION: CISC VS RICS ASSEMBLY-LEVEL PROGRAMMING

Dimosthenis E. Bolanakis, Epirus Educational Institute of Technology;  
Konstantinos T. Kotsis, University of Ioannina; & Theodore Laopoulos, Aristotle University of Thessaloniki, GREECE

## Session 15

### Developing ICT Competence in Instructors

*Hall II: ITHACA*

Moderator: Kostas Anagnostou, Ionian University, GREECE

RECONCEPTUALISING SCHOOLING FOR A WEB 2.0 GENERATION

Sandy Schuck & Peter Aubusson, University of Technology, AUSTRALIA

COMPUTER-ASSISTED EXAMPLE-BASED LEARNING: THE EFFECTS OF SELF-EXPLANATION AND INSTRUCTIONAL EXPLANATION ON TRANSFER PERFORMANCE

Lai Chee Sern, University Tun Hussien Onn Malaysia, MALAYSIA

THE SNAP! PLATFORM: SOCIAL NETWORKING FOR ACADEMIC PURPOSES, PEER LEARNING, AND COMMUNITIES OF PRACTICE

Keith Kirkwood, Victoria University, AUSTRALIA

CONCEPTUALISING TEACHER PROFESSIONAL LEARNING WITH WEB 2.0 TECHNOLOGIES

Kevin Burden, The University of Hull, UK

TECHNOLOGICAL EVOLUTION AND PEDAGOGICAL RE-APPROACH TO EFFECTIVE LEARNING USING GAMES WITHIN THE HELLENIC AIR FORCE ACADEMY

A. Andreatos & Joanne K. Lekea, Hellenic Air Force Academy, GREECE

## Session 16

### Authorship and Authority of Knowledge

*Hall III: LEFKAS*

Moderator: Andrew Hall, University of Manchester, UK

THE TELLING: TEACHING INFORMATION MANAGERS ABOUT MANAGING INDIGENOUS (ECOLOGICAL) KNOWLEDGE

Simon Shurville, University of South Australia, AUSTRALIA & Pericles 'Asher' Rospigliosi, University of Brighton, UK

AN APPETITE FOR CREATIVE DESTRUCTION: SHOULD THE SENIOR ACADEMIC TECHNOLOGY OFFICER BE MODELLED ON THE CIO OR THE CTO?

Simon Shurville, University of South Australia, AUSTRALIA & Tom Browne, University of Exeter, UK



# Conference Programme

URBAN CLASS COMPUTING IN HIGHER EDUCATION: PROMISING OR PERILOUS

Maria Victoria G. Pineda, De La Salle University-Manila, PHILIPPINES

WHY, WHAT, WHO, HOW: BUILDING UP ONLINE COURSES. A REPORT FROM A SOUTHERN ITALY UNIVERSITY

Bianca Arcangeli & Paolo Diana, Università degli Studi di Salerno; Cinzia Massa, Smile; & Vincenzo Moretti, Università degli studi di Salerno, ITALY

FROM SMALL TO LARGE HITS: SPREADING THE ONLINE MESSAGE TO ACADEMIC AND ADMINISTRATIVE STAFF VIA STRATEGICALLY-TARGETED DEVELOPMENT ACTIVITIES

Maria Northcote & Gail Huon, The University of Newcastle, AUSTRALIA

13:00 – 14:30

**Lunch**

14:30 – 16:00

**Closing Ceremonies**

*Hall I: KERKYRA BALLROOM*

UFV Graduate Student Award Prize

Dr. Greg Anderson, Chair, Scientific Committee

The prize is this year sponsored by the Hellenic Telecommunications Organisation (OTE).

Awards and Recognitions

Ken Fernstrom, Chair, Publication and Promotions Committee

Friends of the Conference Recognition Awards: Dr Ola Lindberg and Dr Anders Olofsson

Closing Remarks

Raymond Welch,  
Chair, Steering  
Committee

20:00

**Greek Night**

Location: Boschetto Park,  
alongside Corfu Town's  
elegant esplanade.









[www.icicte.org](http://www.icicte.org)