

IADIS International Conference Mobile Learning 2006

CONFERENCE PROGRAM

Friday 14th, July 2006

08:30-19:00 Welcome Desk

09:30-10:00 Session O – Opening Session
(Theatre LB01)

OPENING SESSION

Prof. Pedro Isaías, Piet Kommers and Inmaculada Arnedillo Sánchez

10:00-11:00 Session KL1 – Keynote Presentation
(Theatre LB01)

BIG ISSUES IN MOBILE LEARNING

Professor Mike Sharples, University of Nottingham, UK

11:00-11:30 Coffee Break

11:30-13:00 Session FP 14.1
mLearning in Educational Institutions
(Theatre LB01)

MINI-ME: THE APPLICATION OF AN INTELLIGENT MULTI-AGENT SYSTEM METHODOLOGY IN THE DESIGN OF A MOBILE MANAGED LEARNING ENVIRONMENT (F_025)

Elaine McGovern, Eleni Mangina and Rem Collier

GOING MOBILE WITH MOODLE: FIRST STEPS (F_054)

Billy Cheung, Brian Stewart and Rory McGreal

M-LEARNING AND M-TEACHING ARCHITECTURES AND THE INTEGRATION OF E-SERVICES FOR EDUCATIONAL SUPPORT (F_036)

Ivan Ganchev, Mairtin O'Droma and Stanimir Stojanov

11:30-13:00 Session FSP 14.2
Pedagogical Approaches and Theories for mLearning
(Room 1.07)

ME-LEARN: PDAS IN THE FACE-TO-FACE CLASSROOM (F_091)

Annette de Jager and Engela P de Crom

USING MOBILE DEVICES FOR REAL-TIME FORMATIVE EVALUATION IN CLASSROOMS (S_046)

Yao-Ting Sung, Kuo-En Chang and Cherng-Cherng Huang

WE'VE GOT IPODS, BUT WHERE DO WE START? THE STORY OF TWO GRADE 4 TEACHERS (S_055)

Doug Reid, Lisa Kervin, Jeff Vardy and Carroll Hindle

INTENTIONAL INSTRUCTIONAL STRATEGIES FOR MOBILE LEARNING ENVIRONMENTS (S_135)

Marshall G. Jones and Stephen W. Harmon

13:00-14:30 Lunch Break

14:30-16:50 Session FSP 14.3

New Tools, Technologies. and Platforms for mLearning
(Theatre LB01)

TOWARDS THE IMPLEMENTATION OF M-LEARNING GRIDS (F_041)

Mario Muñoz Organero, Carlos Delgado Kloos and Abelardo Pardo

WHAT MAKES COLLABORATIVE EARLY EFL READING EFFECTIVE? A MOBILE DYNAMIC PEER-ASSISTED LEARNING SYSTEM (F_012)

Yu-Ju Lan, Yao-Ting Sung and Kuo-En Chan

BLUETOOTH INTERACTION SUPPORT IN LECTURES (S_023)

Henning Bär, Guido Rößling, Erik Tews and Elmar Lecher

ANIMATION ON MOBILE PHONES (S_077)

Peter Byrne and Brendan Tangney

USING MOBILE PHONES TO IMPROVE THE EFFICIENCY OF FIELD WORKERS (S_040)

David Guralnick

PODCASTING: PROBABLY NOT THE BEST

COLLABORATIVE LEARNING TOOL IN THE WORLD (S_026)

Andy Ramsden

14:30-16:30 Session FSP 14.4

mLearning in Educational Institutions
(Room 1.07)

SMS COLLABORATIVE QUESTIONING: CONVERGENCE OF TASK, INTERACTIVITY AND OUTCOMES (F_060)

Dick Ng'ambi

CREATING LEARNING SPACES FOR MOBILE DEVICES IN THE INFORMATION TECHNOLOGY CLASSROOM (F_066)

Mark Frydenberg

WIRELESS SYSTEMS IMPLEMENTATION FOR A MOBILE LEARNING ENVIRONMENT (S_119)

Serena Pastore

TEACHER PERCEPTION OF HANDHELD TECHNOLOGY: PEDAGOGICAL PRACTICES (S_078)

Louise Mifsud and Ole Smørdal

CONSTRUCT MATHEMATIC PATH AND INTERACTIVE PROBLEM SOLVING DISCUSSION SYSTEM IN MOBILE LEARNING ENVIRONMENT (S059)

Lin-Jung Wu, Hsien-Sheng Hsiao, Kuo-En Chang and Yao-Ting Sung

14:30- TUTORIAL

(Room 1.20)

DESIGNING CREATIVE COLLABORATIVE MOBILE LEARNING EXPERIENCES

Inmaculada Arnedillo-Sánchez, Trinity College Dublin, Ireland

16:30-17:00 Coffee Break

17:00-18:50 Session FSP 14.5
mLearning in Developing Countries //
Informal and Lifelong mLearning
(Theatre LB01)

A MODEL OF MOBILE LEARNING IN DEVELOPING COUNTRIES (F_017)

John Traxler

MLEARNING FOR INDIA: ANY POTENTIAL? (F_092)

Bardo Fraunholz and Chandana Unnithan

A BLENDED M-LEARNING DESIGN FOR SUPPORTING TEAMWORK IN FORMAL AND INFORMAL SETTINGS (F_064)

John Cook, Debbie Holley, Carl Smith, Claire Bradley and Richard Haynes

USING MOBILE DEVICES FOR LEARNING IN INFORMAL SETTINGS: IS IT MOTIVATING? (S_134)

Ann Jones, Kim Issroff, Eileen Scanlon, Gill Clough and Patrick Mcandrew

11:30-13:00 Session FSP 15.2
Creativity and mLearning // Gaming and Simulations in mLearning
(Room 1.07)

HOW CAN ELECTRONIC PORTFOLIOS FACILITATE COLLABORATIVE PROBLEM-FINDING IN THE INNOVATION PROCESS? (F_069)

Mikko Ahonen and Antti Syvänen

LEARNING TRADITIONAL IRISH MUSIC USING A PDA (S_027)

Bryan Duggan

SOLAS: AN ONLINE ENVIRONMENT TO FACILITATE SOCIAL CONNECTIVITY AND CREATIVITY (S_030)

Paula Hicks, Gordon Power, Graham Woods and Jane B. Grimson

MGBL MOBILE GAME BASED LEARNING (S_018)

Otto Petrovic, Christian Kittl, Francika Markovic and Hans Joerg Peyha

Saturday 15th, July 2006

08:30-16:00 Welcome Desk

09:00-10:00 Session KL2 – Keynote Session
(Theatre LB01)

TECHNOLOGIES THAT MOTIVATE CHILDREN TO LEARN

Prof. Elliot Soloway, University of Michigan, Ann Arbor, MI, USA and Prof. Cathie Norris, University of North Texas, Denton, TX, USA

10:00-11:00 POSTER SESSION
(Room 107)

11:00 - 11:30 Coffee Break

11:30-13:00 Session FP 15.1
mLearning in Educational Institutions
(Theatre LB01)

ANALIZING MOBILE LEARNING ISSUES IN A HIGHER EDUCATION CONTEXT (F_013)

David Roldán Martínez and Félix Buendía García

CLOSED LABS IN THE COMPUTER SCIENCE CURRICULUM – MOBILE WIRELESS VS. CLASSIC DESKTOP BASED (F_037)

Mikhail S. Brikman and Edward J. Wilkense

AN OVERVIEW OF DIFFERENT APPROACHES FOR LECTURE CASTING (F_133)

Wolfgang Hürst and Wolfgang Waizenegger

13:00-14:30 Lunch Break

14:30-15:10 Session SP 15.3
Speculative Ideas in mLearning: Where Next?
(Theatre LB01)

SILENT TEACHING, SILENT LEARNING? THE LACK OF SOUND IN CONTEMPORARY MOBILE LEARNING (S_057)

Henning Pätzold

TRUST SOLUTIONS FOR DISTRIBUTED LEARNING ENVIROMENTS (S_074)

Pierpaolo Dondio, Stephen Barrett and Stefan Weber

14:30-15:10 Session SP 15.4
Collaborative, Cooperative and Contextual mLearning
(Room 1.07)

MOBILE TECHNOLOGY TOWARDS OVERCOMING TECHNOLOGY & TIME CONSTRAINS IN DIGITAL VIDEO PRODUCTION (S_093)

Inmaculada Arnedillo-Sánchez and Brendan Tangney

AWLA LANGUAGE TOOLS: INTEGRATION AND HYPERTEXTUALITY IN A UBIQUITOUS

COLLABORATIVE LEARNING ENVIRONMENT (S_116)

Manuel Ortega and Pedro P. Sanchez-Villalon

14:30-15:40 Session FSP 15.5
User Studies in mLearning
(Theatre LB011)

ACCOMMODATING SPECIAL NEEDS USERS IN THE EVALUATION OF AN M-LEARNING APPLICATION: A CASE STUDY (F_020)

Rock Leung, Jo Lumsden and Jane Fritz

PROJECT UBIQUITOUS: MOBILE LEARNING OF YOUNG PEOPLE WHO LIVES IN PERIPHERAL REGIONS (S_102)

Marco Sassi and Lara Sosio

MOBILE LEARNING APPLICATIONS IN WIRELESS CLASSROOMS – STUDENTS SURVEY (S_051)

Devinder Singh and Zaitun Abu Bakar

15:45 Tour and Conference Dinner

Sunday 16th, July 2006

08:30-15:00 Welcome Desk

09:00-11:00 Session FSP 16.1

**New tools, Technologies and Platforms for mLearning
(Theatre LB01)**

**PRESENTATION OF TEXT-BASED LEARNING CONTENT
ON MOBILE PHONES USING RAPID SERIAL VISUAL
PRESENTATION (F_067)**

Björn Hedin and Erik Lindgren

**INKA: USING FLOW TO ENHANCE THE MOBILE
LEARNING EXPERIENCE (F_080)**

Daire O'Broin and Siobhán Clarke

**INTERACTIVE E-LEARNING ENVIRONMENT USING
MOBILE PHONE MESSAGES (S_052)**

*Toshiyuki MAEDA, Tadayuki OKAMOTO, Yae FUKUSHIGE and
Takayuki ASADA*

MOBILE EM DETECTOR (S_121)

U.Puthiyavan

**CLASSIFYING MOBILE GAMES AND THEIR
APPLICABILITY TO DIFFERENT LEARNING SITUATIONS
AND TARGET AUDIENCES: PRELIMINARY RESEARCH
PHASE IN A EUROPEAN PROJECT (S_143)**

Alice Mitchell

09:00-11:00 Session FSP 16.2

**mLearning in Educational Institutions
(Room 1.07)**

**M-ECO-LEARN: THE EVOLUTION FROM PAPER TO PDA
IN ECOTOURISM FIELD WORK (F_088)**

Nellie de Crom and Annette de Jager

**THE MOLES AND MINI MOLES SOFTWARE SYSTEM:
BRIDGING THE GAP BETWEEN INDOOR AND OUTDOOR
LEARNING (F_115)**

André Melzer, Lia Hadley, Marie Glasemann and Michael Herczeg
**THE MOBILE WIRELESS CLASSROOM: POCKET PCS IN
HIGHER EDUCATION (S_011)**

Christopher J. Dechter

**LEARNING ON THE GO: CAN AND WILL LEADERS
LEARN BY LISTENING (S_070)**

Kathleen M. Schulin and Mary S. McCully

MOBILE CAMPUS USING SYNC4J (S_137)

Grégory Hervé

9:00-10:20 Session FSP 16.3

**Collaborative, Cooperation and Contextual mLearning
(Room 1.20)**

**CREPES – TOWARDS A COLLABORATIVE MLEARNING
PLATFORM LEVERAGING ALGORITHMIC
UNDERSTANDING IN SCHOOLS (F_136)**

Patrick Gratz, Steffen Rothkugel, Ingo Scholtes and Peter Sturm

**LANGUAGE LEARNING: DESIGN CONSIDERATIONS FOR
MOBILE COMMUNITY BLOGS (F_089)**

Sobah Abbas Petersen, George Chabert and Monica Divitini

**I, MLEARNING: IDENTIFYING DESIGN
RECOMMENDATIONS FOR A CONTEXT-AWARE MOBILE
LEARNING SYSTEM (S_071)**

Marie-Claude Lavoie

11:30-12:50 Session FSP 16.4

**New tools, Technologies and Platforms for mLearning
(Theatre LB01)**

**HOW CAN EDUCATION THROUGH ONE LAPTOP PER
CHILD EMPOWER SCHOLARS, SIBLINGS, PARENTS AND
TEACHERS? (F_029)**

Ian G. Kennedy and Rex van Olst

**GEOBOOK: ENHANCING MOBILE LEARNING WITH GPS
AND MULTIMEDIA BOOK (F_127)**

Claude Moulin and Andrea Piras

**ON DEVELOPING AND EVALUATING THE
PERFORMANCE OF MOCLES: A MOBILE
COLLABORATIVE E-LEARNING SPACE (S_101)**

Ramli Kalamullah and Priwanto Radytya

**MOBILE PDA COMMUNICATION OF FINANCIAL
ANALYSIS: LESSONS FOR LEARNING (S_082)**

Scott D. Stewart

11:30-13:10 Session FSP 16.5

**Pedagogical Approaches and Theories for mLearning
(Room 1.07)**

**PEDAGOGY OF PODCASTING: MOBILIZING THE TOOLS
OF CONTEMPORARY CULTURE FOR A NEW
GENERATION OF LEARNERS (F_142)**

Jeannine Hirtle and Christopher White

**DIALOGIC TEACHING VIA A WIRELESS MOBILE
COMPUTING INITIATIVE (S_028)**

Maureen Murphy and Nancy Moose

**DEVELOPMENT OF MULTIMEDIA LEARNING
MATERIALS IN MOBILE USAGE-ACCOMPANYING
MEDIA PRODUCTION (S_048)**

Gerrit Kalkbrenner

**IDENTIFYING AUTHENTIC MOBILE LEARNING IN
TEACHER EDUCATION: A DESIGN-BASED APPROACH
(S_056)**

Anthony Herrington and Jan Herrington

**BRIDGING THE GAP BETWEEN WORK AND LEISURE –
THE INTEGRATED MICROLEARNING APPROACH (S_144)**

Sylvia Gstrein

**KNOWING WHAT THE STUDENT AT THE BACK KNOWS:
A COST-EFFECTIVE CLASSROOM RESPONSE SYSTEM
USING SHORT MESSAGE SERVICE (SMS) TEXT
MESSAGING. (S_146)**

Seamus Ryan, Paul Mulvey and Inmaculada Arnedillo Sanchez

11:30-13:30 Session FSP 16.6

**Collaborative, Cooperative and Contextual mLearning //
mLearning in Educational Institutions
(Room 1.20)**

**TEXT FORUM: INCREASING SOCIAL PRESENCE
THROUGH REDUCING RESPONSE LAG (S_079)**

Bryan Butler and Inmaculada Arnedillo Sánchez

**ENABLING AN AMBIENT INTELLIGENCE EDUCATIONAL
SCENARIO BY IDENTIFICATION PROCESS (S_034)**

Bravo, J., Hervás, R., Delgado, M.L., Parras, J., Teran, F

**CUEREG PROJECT: COLLABORATIVE AND UBIQUITOUS
EDITOR FOR RESEARCH GROUPS (S_038) Alfonso López
Baca, Javier Martínez Torres and José Raúl Fernández del Castillo
Díez**

**UBIQUITOUS SOCIAL PRESENCE AND CONTEXT
AWARENESS FOR MENTORING (SOCIAL SUPPORT)
(S_043)**

Raymond M. Kekwaletswe and Dick Ng'ambi

**MOBILE TECHNOLOGIES IN EDUCATION - UBIQUITOUS
SCAFFOLDING AND SUPPORT FOR UNDERGRADUATE
STUDENTS (S_075)**

Paul Hayes, Stephan Weibelzahl and Tim Hall

**AN INVESTIGATION INTO THE APPLICATION OF
HANDHELD MOBILE DEVICES TO SUPPORT LEARNING
IN A THIRD LEVEL ENVIRONMENT (S_117)**

David Lenihan, Carol O'Shea and Deirdre Lillis

**13:40 Best Paper Awards Ceremony and Closing Session
(Room LB01)**

*Prof. Pedro Isaías, Prof. Piet Kommers and Inmaculada Arnedillo
Sánchez*

11:00-11:30 Coffee Break