

**11th International Conference on
Cognition and Exploratory Learning in Digital Age
CELDA 2014
Porto, Portugal
CONFERENCE PROGRAM**

Saturday 25th, October 2014

08:00-19:20 Welcome Desk

**09:30-09:45 Session O – Opening Session
(Room Pinhão)**

OPENING SESSION

Prof. J. Michael Spector, Demetrios G Sampson and Dirk Ifenthaler

**10:00-11:00 Session KL1 – Keynote Presentation
(Room Pinhão)**

DESIGNING LEARNING ENVIRONMENTS IN A DIGITAL AGE: THE QUEST FOR WHAT TO CONSIDER

By Professor Jan Elen, Faculty of Psychology and Educational Sciences, K.U. Leuven, Belgium

11:00-11:30 Coffee Break

11:30-13:10 Session FSP 25.1

**Exploratory Technologies
(Room Pinhão)**

Chair: Charoula Angeli Valanides

INTERACTIVE APPLICATION IN SPANISH SIGN LANGUAGE FOR A PUBLIC TRANSPORT ENVIRONMENT (F061)

José Guillermo Viera-Santana, Juan C. Hernández-Haddad, Dionisio Rodríguez-Esparragón and Jesús Castillo-Ortiz

A GAME-BASED ASSESSMENT OF STUDENTS' CHOICES TO SEEK FEEDBACK AND TO REVISE (F092)

Maria Cutumisu, Doris B. Chin and Daniel L. Schwartz

ADDRESSING STANDARDIZED TESTING THROUGH A NOVEL ASSESMENT MODEL (S015)

Catherine C. Schifter and Martha Carey

“IT’S JUST LIKE LEARNING, ONLY FUN” – A TEACHER’S PERSPECTIVE OF EMPIRICALLY VALIDATING EFFECTIVENESS OF A MATH APP (S094)

Ka Rene Grimes

13:00-14:30 Lunch Break

14:30-16:30 Session FSP 25.2

**Student-centered Learning // Life-long Learning
(Room Pinhão)**

Chair: Jan Elen

TEACHERS' PERCEPTIONS OF THE INDIVIDUAL CASE STUDIES' LITERACY PERFORMANCE AND THEIR USE OF COMPUTER TOOLS (F033)

Odette Bourjaili Radi

EXPLORING OPPORTUNITIES TO BOOST ADULT STUDENTS' GRADUATION -THE REASONS BEHIND THE DELAYS AND DROP-OUTS OF GRADUATION (F039)

Päivi Aarreniemi-Jokipelto and Asta Bäck

DIY ANALYTICS FOR POSTSECONDARY STUDENTS (S034)

Timothy Arndt and Angela Guercio

PROJECT “FLAPPY CRAB”: AN EDU-GAME FOR MUSIC LEARNING (S078)

Cristina Maria Cardoso Gomes, Mauro Jorge Guerreiro Figueiredo, José Bidarra and José Duarte Cardoso Gomes

HIGHER EDUCATION INSTITUTIONS (HEI) STUDENTS TAKE ON MOOC: CASE OF MALAYSIA (S022)

Jessnor Elmy Mat-jizat, Norsamsinar Samsudin and Rusliza Yahaya

14:30-16:40 Session FSRP 25.3

**Cognition In Education // Assessing Progress Of Learning In Complex Domains
(Room Vargelas)**

Chair: J. Michael Spector

THE EFFECTS OF FREQUENCY OF MEDIA UTILIZATION ON DECISION MAKING OF MEDIA CHOICE (F017)

Yasushi Gotoh

COMPARING NOVICES & EXPERTS IN THEIR EXPLORATION OF DATA IN LINE GRAPHS (F016)

Bruce H. Tsuji and Gitte Lindgaard

STUDENTS' REFLECTIONS USING VISUALIZED LEARNING OUTCOMES AND E-PORTFOLIOS (S021)

Takatsune Narumi and Yasushi Gotoh

MICROBLOGGING BEST PRACTICES (S028)

Shohreh Hadian and Maria-Elena Froese

THE EFFICIENCY OF DIFFERENT ONLINE LEARNING MEDIA - AN EMPIRICAL STUDY (S080)

Franziska J. Kößler and Marco M. Nitzschner

PERSISTENT POSSIBLE SCIENCE SELVES (R036)

Leila A. Mills and Lin Lin

16:30-17:00 Coffee Break

17:00-19:10 Session FSP 25.4

Collaborative Learning

(Room Pinhão)

Chair: Demetrios G. Sampson

COLLABORATIVE CREATIVITY PROCESSES IN A WIKI: A STUDY IN SECONDARY EDUCATION (F047)

Manoli Pifarré, Laura Marti and Alex Guijosa

LSQUIZ: A COLLABORATIVE CLASSROOM RESPONSE SYSTEM TO SUPPORT ACTIVE LEARNING THROUGH UBIQUITOUS COMPUTING (F064)

Ricardo Caceffo and Rodolfo Azevedo

IMPACTS OF MEDIAWIKI ON COLLABORATIVE WRITING AMONG TEACHER STUDENTS (F073)

Said Hadjerrouit

A USER CENTERED FACULTY SCHEDULED DEVELOPMENT FRAMEWORK (S025)

Shohreh Hadian and Nancy Sly

MUSICAL PEDDY-PAPER: A COLLABORATIVE LEARNING ACTIVITY SUPPORTED BY AUGMENTED REALITY (S076)

José Duarte Cardoso Gomes, Mauro Jorge Guerreiro Figueiredo, Lúcia da Graça Cruz Domingues Amante and Cristina Maria Cardoso Gomes

17:00-19:20 Session FSP 25.5

Technology, Learning And Expertise

(Room Vargelas)

Chair: Lynne Schrum

EFFECTIVE USE OF A LEARNING MANAGEMENT SYSTEM TO INFLUENCE ON-LINE LEARNING (F024)

Xu Hongjiang, Sakthi Mahenthiran and Kenton Smith

ORDER EFFECTS OF LEARNING WITH MODELING AND SIMULATION SOFTWARE ON FIELD-DEPENDENT AND FIELD-INDEPENDENT CHILDREN'S COGNITIVE PERFORMANCE: AN INTERACTION EFFECT (F069)

Charoula Angeli, Nicos Valanides, Eirini Polemitou and Elena Fraggoulidou

COMPARATIVE CASE STUDY ON DESIGNING AND APPLYING FLIPPED CLASSROOM AT UNIVERSITIES (F050)

Cheolil Lim, Sunyoung Kim, Jihyun Lee, Hyeonsu Kim and Hyeongjong Han

ORGANIZATIONAL LEADERSHIP PROCESS FOR UNIVERSITY EDUCATION (F054)

Ricardo Llamasa-Villalba, Dario J. Delgado Q., Heidi P. Camacho, Ana M. Paéz and Raúl F. Valdivieso

A CROSS CULTURAL PERSPECTIVE ON INFORMATION COMMUNICATION TECHNOLOGIES LEARNING SURVEY (S057)

Hale Ilgaz, Sacide Güzin Mazman and Arif Altun

08:30-15:30 Welcome Desk

09:10-11:00 Session FSP 26.1

Technology, Learning And Expertise

(Room Pinhão)

Chair: Catherine C. Schifter

AN EVS CLICKER BASED HYBRID ASSESSMENT TO ENGAGE STUDENTS WITH MARKING CRITERIA (F042)

Steve Bennett, Trevor Barker and Mariana Lilley

ACADEMIC VERSUS NON-ACADEMIC EMERGING ADULT COLLEGE STUDENT TECHNOLOGY USE (F049)

Joan Ann Swanson and Erica Walker

CREATIVE STORIES: A STORYTELLING GAME FOSTERING CREATIVITY (F037)

Antonis Koukourikos, Pythagoras Karampiperis and George Panagopoulos

AN APP FOR THE CATHEDRAL IN FREIBERG –

AN INTERDISCIPLINARY PROJECT SEMINAR (S084)

Cindy Kröber and Sander Münster

11:00-11:30 Coffee Break

11:30-12:45 Panel Session

(Room Pinhão)

COMPETENCIES, CHALLENGES, AND CHANGES: A GLOBAL CONVERSATION ABOUT 21ST CENTURY TEACHERS AND LEADERS

Lynne Schrum, Rose Dolan, Dirk Ifenthaler, Ronghuai Huang, Dale Niederhauser and Neal Strudler

12:45-14:10 Lunch Break

14:20-15:20 Session SP 26.2

Collaborative Learning // Virtual University

(Room Pinhão)

Chair: Kausalai Wijekumar

USING FIVE STAGE MODEL TO DESIGN OF COLLABORATIVE LEARNING ENVIRONMENTS IN SECOND LIFE (S060)

Sevil Orhan and M. Kemal Karaman

UNDERGRADUATE STUDENTS' EXPERIENCES OF TIME IN A MOOC: A TERM OF DINO 101 (S093)

Catherine Adams and Yin Yin

THE ANSWERING PROCESS FOR MULTIPLE-CHOICE QUESTIONS IN COLLABORATIVE LEARNING:

A MATHEMATICAL LEARNING MODEL ANALYSIS (S090)

Yasuyuki Nakamura, Shinnosuke Nishi, Yuta Muramatsu, Koichi Yasutake, Osamu Yamakawa and Takahiro Tagawa

14:10-15:20 Session FSP 26.3

Educational Psychology // Learning Communities & Web Service Technologies
(Room Vargelas)

Chair: Dirk Ifenthaler

INVESTIGATING TEACHERS' READINESS, UNDERSTANDING AND WORKLOAD IN IMPLEMENTING SCHOOL BASED ASSESSMENT (SBA) (F027)

Norsamsinar Samsudin, Premila A/P Rengasamy, Jessnor Elmy Mat Jizat, Hariyaty Ab Wahid and Norasibah Abdul Jalil

A CASE STUDY OF MOOC'S DESIGN AND ADMINISTRATION AT SEOUL NATIONAL UNIVERSITY (S040)

Cheolil Lim, Sunyoung Kim, Mihwa Kim, Songlee Han and Seungil Seo

POSSIBLE SCIENCE SELVES: INFORMAL LEARNING AND THE CAREER INTEREST DEVELOPMENT PROCESS (S063)

Leila A. Mills

11:30-13:00 Session FP 27.2

Learning Paradigms In Academia
(Room Pinhão)

Chair: Said Hadjerrouit

DIGITAL STORYTELLING: EMOTIONS IN HIGHER EDUCATION (F046)

Sandra Ribeiro, António Moreira and Cristina Pinto da Silva

DESIGN IN PRACTICE: SCENARIOS FOR IMPROVING MANAGEMENT EDUCATION (F083)

Lee Schlenker and Sébastien Chantelot

FACTORS INFLUENCING STUDENTS' CHOICE OF STUDY MODE: AN AUSTRALIAN CASE STUDY (F085)

Dirk Ifenthaler, Maree Gosper, Matthew Bailey and Mandy Kretzschmar

13:00 Best Paper Awards Ceremony and Closing Session
(Room Pinhão)

Profs. J. Michael Spector, Demetrios G Sampson and Dirk Ifenthaler

15:30 – Social Event - Conference Tour and Dinner

Monday 27th, October 2014

08:30-13:00 Welcome Desk

09:00-11:00 Session FP 27.1

Technology, Learning And Expertise
(Room Pinhão)

Chair: Timothy Arndt

ICT COMPETENCE-BASED LEARNING OBJECT RECOMMENDATIONS FOR TEACHERS (F088)

Stylianios Sergis, Panagiotis Zervas and Demetrios G. Sampson

IMPROVING CONTENT AREA READING COMPREHENSION WITH 4-6TH GRADE SPANISH ELLS USING WEB-BASED STRUCTURE STRATEGY INSTRUCTION (F081)

Kay Wijekumar, Bonnie J.F. Meyer and Puiwa Lei

PREPARING SPECIAL EDUCATION TEACHERS TO USE EDUCATIONAL TECHNOLOGY TO ENHANCE STUDENT LEARNING (F019)

Teresa Wallace and David Georgina

ASK4LABS: A WEB-BASED REPOSITORY FOR SUPPORTING LEARNING DESIGN DRIVEN REMOTE AND VIRTUAL LABS RECOMMENDATIONS (F086)

Panagiotis Zervas, Stefanos Fiskilis and Demetrios G. Sampson

11:00-11:30 Coffee Break