

International Conference e-Learning 2015

CONFERENCE PROGRAM

Tuesday 21st, July 2015

08:15-16:30 Welcome Desk

**09:30-10:00 Session O – Opening Session
(Room Salón de Actos)**

OPENING SESSION

*Rector D. Dr. José Regidor García, Profs. Pedro Isaías,
Piet Kommers and Heredina Fernandez Betancort*

**10:10-11:00 Session KL1 – Keynote Presentation
(Room Salón de Actos)**

**FAIL FAST AND FAIL FORWARD – EMBRACING FAILURE
AS A NECESSARY PRECURSOR OF SUCCESS IN THE
DELIVERY OF ELEARNING SERVICES**

*By Steven Duggan, Director, Worldwide Education Strategy,
Microsoft, USA*

11:00-11:30 Coffee Break

**11:30-13:10 Session FSP 21.1
Primary and Secondary Education // Other
(Room 22)**

Chair: Maggie McPherson

**PLAYING MUSIC, PLAYING WITH MUSIC A PROPOSAL
FOR MUSIC CODING IN PRIMARY SCHOOL (F068)**

*Adriano Baratè, Luca Andrea Ludovico, Giuseppina Rita Mangione
and Alessia Rosa*

**LEARNING THROUGH TELEPRESENCE WITH IPADS:
PLACING SCHOOLS IN LOCAL/GLOBAL COMMUNITIES
(F074)**

Bente Meyer

**USING IMMERSIVE VIRTUAL REALITY FOR
ELECTRICAL SUBSTATION TRAINING (S099)**

*Eduardo H. Tanaka, Juliana A. Paludo, Carlúcio S. Cordeiro,
Leonardo R. Domingues, Edgar V. Gadbem and Adriana Euflausino*

**EVALUATING STUDENTS' PROGRAMMING SKILL
BEHAVIOUR AND PERSONALIZING THEIR COMPUTER
LEARNING ENVIRONMENT USING "THE HOUR OF
CODE" PARADIGM (S191)**

Nikolaos Mallios and Michael Gr. Vassilakopoulos

13:00-14:30 Lunch Break

**14:30-15:30 KL2 – Keynote Presentation
(Room Salón de Actos)**

**A DIFFERENT PERSPECTIVE ON THE SINGULARITY
POINT. HOW IT IS SUBSTITUTING JOBS IN THE SERVICE
SECTOR**

*By Dr. Jacques Bulchand-Gidumal, Professor of Digital Enterprises
and Entrepreneurship, Universidad de Las Palmas de Gran Canaria,
Spain*

15:40-16:25 Session FRP 21.2

Online Assessment

(Room 22)

Chair: Miguel Baptista Nunes

**INCREASE IN TESTING EFFICIENCY THROUGH THE
DEVELOPMENT OF AN IT-BASED ADAPTIVE TESTING
TOOL FOR COMPETENCY MEASUREMENT APPLIED TO
A HEALTH WORKER TRAINING TEST CASE (F188)**

Janne Kleinhans and Matthias Schumann

**MAKING SENSE OF GAME-BASED USER DATA:
LEARNING ANALYTICS IN APPLIED GAMES (R148)**

Christina M. Steiner, Michael D. Kickmeier-Rust and Dietrich Albert

Wednesday 22nd, July 2015

08:15-15:45 Welcome Desk

09:30-11:00 Session FSP 22.1

Instructional Design Issues // Learning Management Systems (LMS)
(Room 22)

Chair: George Suciu

DEVELOPING A MOBILE LEARNING MANAGEMENT SYSTEM FOR OUTDOORS NATURE SCIENCE ACTIVITIES BASED ON 5E LEARNING CYCLE (F103)

Ah-Fur Lai, Horng-Yih Lai, Wei-Hsiang Chuang and Zih-Heng Wu

TRANSFORMATIONS: MOBILE INTERACTION & LANGUAGE LEARNING (S020)

Fiona Carroll, Rita Kop, Nathan Thomas and Rebecca Dunning

DIGITAL RESOURCE EXCHANGE ABOUT MUSIC (DREAM): PHASE 2 USABILITY TESTING (S032)

Rena Upitis, Karen Boese, Philip C. Abrami and Zaeem Anwar

RESEARCH SUGGESTIONS IN THE DESIGN OF A GLOBAL GRADUATE BUSINESS PROGRAM DELIVERED BY ONLINE LEARNING (S169)

Amy Puderbaugh

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 22.2

e-Learning Models
(Room 22)

Chair: Diana Marrs

MAXIMIZING AND PERSONALIZING E-LEARNING SUPPORT FOR STUDENTS WITH DIFFERENT BACKGROUNDS AND PREFERENCES (F150)

Olga Mironova, Irina Amitan, Jelena Vendelin, Jüri Vilipõld and Merike Saar

USABILITY OF A WEB-BASED SCHOOL EXPERIENCE SYSTEM: OPINIONS OF IT TEACHERS AND TEACHER CANDIDATES (F151)

Zülfü Genç

ELECTRONIC EDUCATION SYSTEM MODEL-2 (S189)

Fatih Güllü, Rein Kuusik and Mart Laanpere

13:00 – 14:30 Lunch Break

14:30-15:30 Poster Session

(Room 22)

Chair: Maggie McPherson

DEMONSTRATING DREAM: A DIGITAL RESOURCE EXCHANGE ABOUT MUSIC (P033)

Rena Upitis, Karen Boese and Philip C. Abrami

DEVELOPMENT AND EVALUATION OF AN INFORMATION MORAL LESSON TO PROMOTE AWARENESS IN CHILDREN (P129)

Kyohei Sakai, Shingo Shiota and Kiyotaka Eguchi

DEVELOPMENT AND DESIGN OF PROBLEM BASED LEARNING GAME-BASED COURSWARE (P142)

Chiung-Sui Chang, Jui-Fa Chen and Fei-Ling Chen

INNOVATION DIFFUSION MODEL IN HIGHER EDUCATION: CASE STUDY OF E-LEARNING DIFFUSION (P154)

Sanjana Buć and Blaženka Divjak

A STUDY ON TEACHER TRAINING TO INCORPORATE GAMIFICATION IN CLASS DESIGN - PROGRAM DEVELOPMENT AND IMPLEMENTATION IN A TEACHER TRAINING COURSE (P158)

Shingo Shiota and Manabu Abe

A CASE STUDY OF THE FEEDBACK DESIGN IN A GAME-BASED LEARNING FOR LOW ACHIEVING STUDENTS (P164)

Ting-Ling Lai and Hsiao-Fang Lin

15:45 – Conference Tour and Dinner

Thursday 23rd, July 2015

08:30-15:30 Welcome Desk

09:25-11:00 Session FSP 23.1

e-Learning Pedagogical Strategies
(Room 22)

Chair: Mark Frydenberg

DALITE: DESIGNING AN ASYNCHRONOUS PEER INSTRUCTION PLATFORM (F065)

Nathaniel Lasry, Elizabeth Charles, Chris Whittaker, Michael Dugdale, Kevin Lenton and Sameer Bhatnagar

CADA DÍA SPANISH: AN ANALYSIS OF CONFIDENCE AND MOTIVATION IN A SOCIAL LEARNING LANGUAGE MOOC (F115)

Michael Henry and Diana Marrs

USE OF CLOUD-BASED GRAPHIC NARRATIVE SOFTWARE IN MEDICAL ETHICS TEACHING (S157)

Alan S. Weber

PRACTICING LOW-CONTEXT COMMUNICATION STRATEGIES IN ONLINE COURSE DESIGN FOR INTERNATIONAL STUDENTS STUDYING IN THE U.S. (R134)

Sharon Lalla

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 23.2

Higher and Further Education // Case Studies
(Room 22)

Chair: Miguel Baptista Nunes

METHODOLOGICAL PROPOSAL FOR ELABORATION OF LEARNING MATERIALS IN SIGN LANGUAGE IN UNIVERSITY TEACHING (F062)

J. Guillermo Viera-Santana, Dionisio Rodríguez-Esparragón,

Juan C. Hernández-Haddad and Jesús Castillo-Ortiz

MOODLE E-LEARNING SYSTEM AND STUDENTS' PERFORMANCE IN HIGHER EDUCATION: THE CASE OF PUBLIC ADMINISTRATION PROGRAMMES (F093)

Lan Umek, Damijana Keržič, Nina Tomažević and

Aleksander Aristovnik

A PROPOSAL TO ENHANCE THE USE OF LEARNING PLATFORMS IN HIGHER EDUCATION (S110)

Bertil P. Marques, Jaime E. Villate and Carlos Vaz de Carvalho

13:00-14:30 Lunch Break

14:30-15:30 (Room 22)

H2020 EUROPEAN UNION RESEARCH PROJECTS

14:30-15:20 Session FSP 23.3

ICT skills education
(Room 21)

Chair: Amy Puderbaugh

CREATING GAMES AS AUTHENTIC LEARNING IN THE INFORMATION TECHNOLOGY CLASSROOM (F082)

Mark Frydenberg

CLOUD COMPUTING AND VALIDATED LEARNING FOR ACCELERATING INNOVATION IN IOT (S098)

George Suciu, Gyorgy Todoran, Alexandru Vulpe, Victor Suciu, Cristina Butca and Romulus Cheveresan

Friday 24th July 2015

08:30-13:00 Welcome Desk

09:40-11:00 Session FSP 24.1

Organisational Strategy and Management Issues //
Learning and cognitive styles // Distance Learning
(Room 22)

Chair: Maggie McPherson

<p>STRATEGIC DECISION MAKING CYCLE IN HIGHER EDUCATION: CASE STUDY OF E-LEARNING (F162) <i>Blaženka Divjak and Nina Begičević Redep</i></p> <p>PERFORMANCE & EMOTION – A STUDY ON ADAPTIVE eLEARNING BASED ON VISUAL/VERBAL LEARNING STYLES (F156) <i>Jennifer Beckmann, Sven Bertel and Steffi Zander</i></p> <p>GOAL SETTING, DECISION-MAKING SKILLS AND ACADEMIC PERFORMANCE OF UNDERGRADUATE DISTANCE LEARNERS: IMPLICATIONS FOR RETENTION AND SUPPORT SERVICES (S042) <i>Nebath Tanglang and Aminu Kazeem Ibrahim</i></p>
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11:00-11:30 Coffee Break

11:30-12:50 Session FSP 24.2

Learning Management Systems (LMS) // Instructional
Design Issues
(Room 22)

Chair: Miguel Baptista Nunes

<p>COGNITIVE PRESENCE IN VIRTUAL COLLABORATIVE LEARNING: ASSESSING AND IMPROVING CRITICAL THINKING IN ONLINE DISCUSSION FORUMS (F166) <i>Jennifer Beckmann and Peter Weber</i></p> <p>AN OWL ONTOLOGY FOR METADATA OF INTERACTIVE LEARNING OBJECTS (S031) <i>Bruno N. Luz, Rafael Santos, Bruno Alves, Andreza S. Areão, Marcos H. Yokoyama and Marcelo P. Guimarães</i></p> <p>BEHAVIORAL FEATURE EXTRACTION TO DETERMINE LEARNING STYLES IN E-LEARNING ENVIRONMENTS (F047) <i>Somayeh Fatahi, Hadi Moradi and Elaheh Farmad</i></p>

12:50 Best Paper Awards Ceremony and Closing Session
(Room 22)

<i>Profs. Miguel Baptista Nunes and Maggie McPherson</i>
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