# International Conference e-Learning 2015

## CONFERENCE PROGRAM

### Tuesday 21st, July 2015

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<tr>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>08:15-16:30</td>
<td>Welcome Desk</td>
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<tr>
<td>09:30-10:00</td>
<td>Session O – Opening Session (Room Salón de Actos)</td>
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<td>OPENING SESSION</td>
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<td></td>
<td>Rector D. Dr. José Regidor García, Profs. Pedro Isaías, Piet Kammers and Heredina Fernandez Betancort</td>
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<tr>
<td>10:10-11:00</td>
<td>Session KL1 – Keynote Presentation (Room Salón de Actos)</td>
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<td>FAIL FAST AND FAIL FORWARD – EMBRACING FAILURE AS A NECESSARY PRECURSOR OF SUCCESS IN THE DELIVERY OF ELEARNING SERVICES</td>
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<td>By Steven Duggan, Director, Worldwide Education Strategy, Microsoft, USA</td>
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<td>11:00-11:30</td>
<td>Coffee Break</td>
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<td>11:30-13:10</td>
<td>Session FSP 21.1 – Primary and Secondary Education // Other (Room 22)</td>
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<td>Chair: Maggie McPherson</td>
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<td></td>
<td>PLAYING MUSIC, PLAYING WITH MUSIC A PROPOSAL FOR MUSIC CODING IN PRIMARY SCHOOL</td>
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<td>(F068) Adriano Baratè, Luca Andrea Ludovico, Giuseppina Rita Mangione and Alessia Rosa</td>
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<td>LEARNING THROUGH TELEPRESENCE WITH IPADS: PLACING SCHOOLS IN LOCAL/GLOBAL COMMUNITIES</td>
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<td>(F074) Bente Meyer</td>
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<td>USING IMMERSIVE VIRTUAL REALITY FOR ELECTRICAL SUBSTATION TRAINING (S099)</td>
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<td>EVALUATING STUDENTS’ PROGRAMMING SKILL BEHAVIOUR AND PERSONALIZING THEIR COMPUTER LEARNING ENVIRONMENT USING “THE HOUR OF CODE” PARADIGM (S191)</td>
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<td>Nikolaos Mallios and Michael Gr. Vassilakopoulos</td>
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<td>13:00-14:30</td>
<td>Lunch Break</td>
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<td>14:30-15:30</td>
<td>Session KL2 – Keynote Presentation (Room Salón de Actos)</td>
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<td>A DIFFERENT PERSPECTIVE ON THE SINGULARITY POINT. HOW IT IS SUBSTITUTING JOBS IN THE SERVICE SECTOR</td>
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<td>By Dr. Jacques Bulchand-Gidumal, Professor of Digital Enterprises and Entrepreneurship, Universidad de Las Palmas de Gran Canaria, Spain</td>
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<td>15:40-16:25</td>
<td>Session FRP 21.2 – Online Assessment (Room 22)</td>
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<td>Chair: Miguel Baptista Nunes</td>
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<td>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)</td>
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<td>Janne Kleinhaus and Matthias Schumann</td>
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<td>MAKING SENSE OF GAME-BASED USER DATA: LEARNING ANALYTICS IN APPLIED GAMES (R148)</td>
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<td>Christina M. Steiner, Michael D. Kickmeier-Rust and Dietrich Albert</td>
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Wednesday 22\textsuperscript{nd}, July 2015

08:15-15:45 Welcome Desk

09:30-11:00 Session FSP 22.1
Instructional Design Issues // Learning Management Systems (LMS)

\textit{Chair: George Suciu}

DEVELOPING A MOBILE LEARNING MANAGEMENT SYSTEM FOR OUTDOORS NATURE SCIENCE ACTIVITIES BASED ON SE LEARNING CYCLE (F103)
Ah-Fwe Lai, Horng-Yih Lai, Wei-Hsiang Chuang and Zih-Heng Wu

TRANSFORMATIONS: MOBILE INTERACTION & LANGUAGE LEARNING (S020)
Fiona Carroll, Ritu Kop, Nathan Thomas and Rebecca Dunning

DIGITAL RESOURCE EXCHANGE ABOUT MUSIC (DREAM): PHASE 2 USABILITY TESTING (S032)
Rena Uptits, Karen Boese, Philip C. Abrami and Zaem 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

\textit{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)
Zulfı Genç

ELECTRONIC EDUCATION SYSTEM MODEL-2 (S189)
Fatih Gullu, Rein Kausk and Mari Launpere

13:00 – 14:30 Lunch Break

14:30-15:30 Poster Session

\textit{Chair: Maggie McPherson}

DEMONSTRATING DREAM: A DIGITAL RESOURCE EXCHANGE ABOUT MUSIC (P033)
Rena Uptits, 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 COURSEWARE (P142)
Ching-Sai Chang, Jia-Fa Chen and Fii-Ling Chen

INNOVATION DIFFUSION MODEL IN HIGHER EDUCATION: CASE STUDY OF E-LEARNING DIFFUSION (P154)
Sanjana Buć and Blazenza 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 23\textsuperscript{rd}, July 2015

08:30-15:30 Welcome Desk

09:25-11:00 Session FSP 23.1
e-Learning Pedagogical Strategies

\textit{Chair: Mark Frydenberg}

DALITE: DESIGNING AN ASYNCHRONOUS PEER INSTRUCTION PLATFORM (F065)
Nathaniel Lasry, Elizabeth Charles, Chris Whitaker, Michael Dougdale, 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

\textit{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 Jesus Castillo-Oritz

MOODLE E-LEARNING SYSTEM AND STUDENTS’ PERFORMANCE IN HIGHER EDUCATION: THE CASE OF PUBLIC ADMINISTRATION PROGRAMMES (F093)
Ian Umek, Damijana Keržič, Nina Tomazévič and Aleksandra 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

\textit{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, Alexandra Vulpe, Victor Suciu, Cristina Butca and Romulus Cheveresan

15:45 – Conference Tour and Dinner
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

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<th>Session</th>
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<td>F24.1</td>
<td>Strategic Decision Making Cycle in Higher Education: Case Study of E-Learning (F162)</td>
<td>Blaženka Divjak and Nina Begićević Redep</td>
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<td>Performance &amp; Emotion – A Study on Adaptive e-Learning Based on Visual/Verbal Learning Styles (F156)</td>
<td>Jennifer Beckmann, Sven Bertel and Steffi Zander</td>
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<td>Goal Setting, Decision-Making Skills and Academic Performance of Undergraduate Distance Learners: Implications for Retention and Support Services (S042)</td>
<td>Nebath Tanglang and Amina Kazeem Ibrahim</td>
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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

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<td>F24.2</td>
<td>Cognitive Presence in Virtual Collaborative Learning: Assessing and Improving Critical Thinking in Online Discussion Forums (F166)</td>
<td>Jennifer Beckmann and Peter Weber</td>
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<td>An Owl Ontology for Metadata of Interactive Learning Objects (S031)</td>
<td>Bruno N. Laz, Rafael Santos, Bruno Alves, Andreza S. Areão, Marcos H. Yokoyama and Marcelo P. Guimarães</td>
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<td>Behavioral Feature Extraction to Determine Learning Styles in E-Learning Environments (F047)</td>
<td>Somayeh Fatahi, Hadi Moradi and Elaheh Farmad</td>
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12:50 Best Paper Awards Ceremony and Closing Session
(Room 22)

Profs. Miguel Baptista Nunes and Maggie McPherson