

**International Conferences on
e-Learning 2016
ICT, Society and Human Beings 2016
Web Based Communities and Social Media 2016
FINAL CONFERENCE PROGRAM**

Friday, 1st July 2016

08:00-19:00 Welcome Desk

**09:45-10:00 Session O – Opening Session
(Room Lisboa)**

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

TWENTY-FIRST CENTURY SKILLS, TECHNOLOGY AND OPEN LEARNING: RE-DESIGNING TEACHING FOR THE DIGITAL AGE

*By Professor Tony Bates, Distinguished Visiting Professor,
Chang School of Continuing Education, Ryerson University, Toronto, Canada*

11:00-11:30 Coffee Break

**11:30-12:55 Session FSRP 1.1 - (EL 2016)
Distance Learning // e-Learning Curriculum Development Issues
(Room Lisboa)**

Chair: Nello Scarabottolo

**CONTENT DEVELOPMENT FOR 72,000 LEARNERS:
AN ONLINE LEARNING ENVIRONMENT FOR GENERAL PRACTITIONERS. A CASE STUDY (F100)**

Dirk Pilat

**AUTOMATION IN DISTANCE LEARNING: AN EMPIRICAL STUDY OF UNLEARNING AND ACADEMIC IDENTITY CHANGE
LINKED TO AUTOMATION OF STUDENT MESSAGING WITHIN DISTANCE LEARNING (S056)**

Hilary Collins, Hayley Glover, Fran Myers and Mor Watson

USING COGNITIVE MAPS TO PROMOTE SELF-MANAGED LEARNING IN ONLINE COMMUNITIES OF INQUIRY (S069)

Susi Peacock and John Cowan

EQUALIZING EDUCATIONAL OPPORTUNITIES BY ICT (R120)

Ana María Delgado García and Blanca Torrubia Chalmeta

11:30-13:00 Session FSP 1.2 - - (EL 2016)

Case Studies// Other

(Room Paris)

Chair: Mark Frydenberg

DETERMINING FACTORS OF STUDENTS' PERCEIVED USEFULNESS OF E-LEARNING IN HIGHER EDUCATION (F060)

Aleksander Aristovnik, Damijana Keržič, Nina Tomažević and

Lan Umek

DEVELOPING THE 1ST MOOC OF UNIVERSITY OF PORTO: CHALLENGES AND STRATEGIES (S034)

Isabel Martins, Nuno Regadas and Margarida Amaral

INFORMAL LANGUAGE LEARNING IN AUTHENTIC SETTING, USING MOBILE DEVICES AND SNS (S095)

Ruthi Aladjem and Bibiana Jou

LEARNING FACTORY - ASSEMBLING LEARNING CONTENT WITH A FRAMEWORK (S123)

Peter Steininger

11:30-13:00 Session FP 1.3 - (ICT & WBC 2016)

Life environment and ICT

(Room Berlim)

Chair: Athula Ginige

STUDYING THE VIRTUAL USER COMMUNITY IN AN INTERNATIONAL INNOVATION PROJECT: THE ATTITUDES AND THE CULTURAL BACKGROUND (F020)

Borka Jerman Blažič-Džonova and Andrej Jerman Blažič

STUDY OF THE VIABILITY OF USING TWITTER SENTIMENT ANALYSIS IN THE HOTEL INDUSTRY (F040)

Elisa Mena-Maldonado, Richard Sinnott and Maritzol Tenemaza

A THEORETICAL FRAMEWORK TO EXPLAIN THE EFFECTS OF INTERNET-MEDIATED COMMUNICATION ON GERMAN AND CHINESE TEMPORAL UNDERSTANDING (F038)

Maria Faust

13:00-14:30 Lunch Break

14:30-16:10 Session FSP 1.4 - - (EL 2016)

Higher and Further Education // e-Learning Pedagogical Strategies

(Room Lisboa)

Chair: Dirk Pilat

FIRST STAGES OF ADULT STUDENTS' RELATIONSHIP TO SCIENTIFIC KNOWING AND RESEARCH IN THE OPEN UNIVERSITY'S WEB-BASED METHODOLOGY COURSE (F121)

Leena Isosomppi and Minna Maunula

A QUANTITATIVE ANALYSIS OF THE ROLE OF SOCIAL NETWORKS IN EDUCATIONAL CONTEXTS (F114)

Azam Shokri and Georgios Dafoulas

THE COMPLEXITIES OF DIGITAL STORYTELLING: FACTORS AFFECTING PERFORMANCE, PRODUCTION, AND PROJECT COMPLETION (S013)

Peter Gobel and Makimi Kano

COLLEGEWIDE PROMOTION OF E-LEARNING/ACTIVE LEARNING AND FACULTY DEVELOPMENT (S021)

Nobuyuki Ogawa and Akira Shimizu

14:30-16:30 - Workshop - 1st Part - (EL 2016)

(Room Paris)

MAKING SUSTAINABLE ONLINE LEARNING A REALITY INFORMED BY THE COMMUNITY OF INQUIRY FRAMEWORK (W057)

Susi Peacock and Lindesay Irvine

14:30-16:20 Session FSRP 1.5 - (ICT & WBC 2016)

Desirable goals and ICT // ICT and effects on humans

(Room Berlim)

Chair: Piet Kommers

DIGITAL KNOWLEDGE ECOSYSTEMS: EMPOWERING USERS THROUGH CONTEXT SPECIFIC ACTIONABLE INFORMATION (F054)

Athula Ginige

AFTER-SALES AND CRM: THEIR ROLE AS A DIFFERENTIATION STRATEGY FOR CLIENTS (F063)

Carlos Santos and Pedro Isaías

THE INFLUENCE OF THE KAZAKH LANGUAGE SEMANTIC PECULIARITIES ON COMPUTER SIGN LANGUAGE (S058)

Saule Kudubayeva, Dmitriy Ryumin and Marat Kalghanov

ICT AND JAPANESE PHILOSOPHY: GAMIFICATION FOR SKILLED ANIMALS (R009)

Per Fors

ATELIER – ASSISTIVE TECHNOLOGIES FOR LEARNING, INTEGRATION AND REHABILITATION (R035)

Anabela Gomes, César Páris, Jorge Barbosa, Álvaro Santos, Nuno Martins and Ana Rita Teixeira

16:30-17:00 Coffee Break

17:00-18:20 Session FSRP 1.6 - (EL 2016)

Higher and Further Education // Workplace Learning

(Room Lisboa)

Chair: Liz Bacon

CARE MANAGEMENT: ON LINE-BASED APPROACHES TO NURSE EDUCATION IN ULTRASOUND IMAGING (F081)

Elena Taina Avramescu, Mitrache Marius and Adrian Camen

CAN E-LEARNING CHANGE WORK PRACTICES? (F016)

Signe Schack Noesgaard

ENHANCING THIRD-YEAR MEDICAL CLERKSHIPS: USING MOBILE TECHNOLOGY FOR TEACHING AND LEARNING (S035)

Janette R. Hill, Michelle A. Nuss, Ronald M. Cervero,

Julie K. Gaines and Bruce Middendorf

17:00-19:00 - Workshop - 2nd Part - - (EL 2016)

(Room Paris)

MAKING SUSTAINABLE ONLINE LEARNING A REALITY INFORMED BY THE COMMUNITY OF INQUIRY FRAMEWORK (W057)

Susi Peacock and Lindesay Irvine

17:00-18:20 Session FSP 1.7 - (ICT & WBC 2016)

Actions for reaching the Good Information Society

(Room Berlim)

Chair: Alice Robbin

THE USE OF TWITTER FOR GOVERNMENT AGENCIES IN INDONESIA (F032)

Nurhalimah Harahap and Indra Budi

INTEGRATION OF E-SERVICE QUALITY, CUSTOMER SATISFACTION AND TECHNOLOGY ACCEPTANCE (F003)

André van Friderici, Pascal Ravesteyn and Benny M.E. De Waal

OUR FUTURE – WITH THE GOOD, THE BAD OR THE UGLY E-SERVICES? (S033)

Maija Korhonen

19:15 Welcome Cocktail

Saturday, 2nd July 2016

08:00-15:45 Welcome Desk

09:25-11:00 Session FSRP 2.1 - (EL 2016)

Blended Learning

(Room Lisboa)

Chair: Miguel Baptista Nunes

GUIDELINES FOR CONDUCTING A POST-GRADUATE MODULE WITHIN A BLENDED SYNCHRONOUS LEARNING ENVIRONMENT, FACILITATOR AND STUDENT PERSPECTIVES (F023)

Christopher Upfold

IT TOOLS IN INITIAL TEACHER TRAINING (F037)

Dorin Herlo

TRAINING PORTUGUESE TEACHERS USING BLENDED LEARNING – A DIFFERENT APPROACH (S031)

Bertil P. Marques and Paula Escudeiro

ORCHESTRATION OF SOCIAL MODES IN E-LEARNING (R054)

Armin Weinberger and Pantelis M. Papadopoulos

09:00-11:00 Session FP 2.2 - (ICT & WBC 2016)

Group Processes and Self-Organization

(Room Berlim)

Chair: Piet Kommers

ASSESSING COMMUNALITY IN WEB-BASED COMMUNITIES. THE CASE OF SPAGHETTI OPEN DATA (F006)

Federico Cabitza, Angela Locoro and Andrea Maurino

A TWO-PHASE STRATEGY FOR DETECTING COMMUNITIES (F013)

Kamal Hassan Taha

WSN BASED SENSING MODEL FOR SMART CROWD MOVEMENT WITH IDENTIFICATION: A CONCEPTUAL MODEL (F030)

Naeem A. Nawaz, Ahmad Waqas, Zulkefli Muhammed Yusof and Asadullah Shah

INTERSECTION-BASED ROUTING ON TOP OF A VIRTUALIZATION LAYER TO SUPPORT VEHICULAR CLOUD

APPLICATIONS IN A SMART CITY (F005)

José Víctor Saiáns-Vázquez, Martín López-Nores, Manuel Ramos-Cabrera, Jack Fernando Bravo-Torres and Esteban Fernando Ordóñez-Morales

11:00-11:30 Coffee Break

**11:30 – 12:30 Session KL2 – Keynote Presentation
(Room Lisboa)**

SOCIAL AND PSYCHOLOGICAL CHANGES IN THE ICT SOCIETY – ABOUT VISIONS AND WISDOM
By Gunilla Bradley, Professor Emerita, Royal Institute of Technology (KTH) Stockholm, Sweden

**11:30-12:55 Session FSRP 2.3 - (EL 2016)
e-Skills and Information Literacy for Learning
(Room Berlim)**

Chair: Miguel Baptista Nunes

CREATING MICRO-VIDEOS TO DEMONSTRATE TECHNOLOGY LEARNING (F066)

Mark Frydenberg and Diana Andone

HOW DO K-12 STUDENTS' MANAGE APPLICATIONS ON THEIR MOBILE DEVICES? (S082)

Ruthi Aladjem and Sharon Hardof

DIGITAL STORYTELLING FOR INCLUSIVE EDUCATION: AN EXPERIENCE IN INITIAL TEACHER TRAINING (S109)

Marco Lazzari

INFORMATION COMPETENCIES AND THEIR IMPLEMENTATION IN THE EDUCATIONAL PROCESS OF POLISH UNIVERSITIES. EXPLORATORY STUDIES (R116)

Anna Tonakiewicz-Kolosowska, Iwona Socik and Monika Gajewska

13:00 – 14:30 Lunch Break

**14:30-15:30 Session FP 2.4
Innovations in e-Assessment
(Room Lisboa)**

Chair: Georgios Dafoulas

EVALCOMIX®: A WEB-BASED PROGRAMME TO SUPPORT COLLABORATION IN ASSESSMENT (F036)

María Soledad Ibarra-Sáiz and Gregorio Rodríguez-Gómez

A HOLISTIC APPROACH TO SCORING IN COMPLEX MOBILE LEARNING SCENARIOS (F064)

Marcel Gebbe, Matthias Teine and Marc Beutner

**14:30-15:30 Poster Session
(Room Berlim)**

Chair: Maggie McPherson

ACTIVE LEARNING METHODS IN PROGRAMMING FOR NON-IT STUDENTS (P118)

Olga Mironova, Irina Amitan, Jüri Vilipõld and Merike Saar

AUGMENTED REALITY IN LIMITED ENVIRONMENT, ANALYSIS OF USABILITY (P043)

Maritzol Tenemaza, Elisa Mena, Fernando Ledesma, Mauricio Llumiquinga and Sergio Luján-Mora

VISUAL TREND ANALYSIS METHOD FOR ONTOLOGY BASED OPINION MINING ON MOVIE REVIEWS (P020)

Seongmin Mun, Ginam Kim, Gyeongcheol Choi and Kyungwon Lee

EXPLORING THE USER – IT PROFESSIONAL RELATIONSHIP (P007)

Matthew Hinton

STRUCTURED AND INDEPENDENT DATA QUALITY ASSESSMENT OF AMBIENT ASSISTED LIVING CARE TECHNOLOGY IS NEEDED (P109)

Stefan Wagner and Femina Hassan Aysha Beevi

ACCURATE INDOOR POSITIONING UTILIZING INTERPERSONAL RELATIONSHIP (P015)

Hiroki Saito and Yuya Ueda

15:45 – Conference Tour and Dinner

Sunday, 3rd July 2016

08:30-13:00 Welcome Desk

09:00-11:05 Session FSP 3.1 - (EL 2016)

e-Learning Research Methods and Approaches // Other

(Room Lisboa)

Chair: Susi Peacock

AN ANALYSIS OF STUDENTS ENROLLED TO AN UNDERGRADUATE UNIVERSITY COURSE OFFERED ALSO ONLINE (F052)

Nello Scarabottolo

HOW DO WE KNOW WHAT IS HAPPENING ONLINE?:

A TRIANGULATED APPROACH TO DATA ANALYSIS (F078)

Marina Charalampidi and Michael Hammond

ANALYSIS OF 3D MODELING SOFTWARE USAGE PATTERNS FOR K-12 STUDENTS (F093)

Yi-Chieh Wu, Wen-Hung Liao, Ming-Te Chi and Tsai-Yen Li

STATISTICAL MEASURES OF INTEGRITY IN ONLINE TESTING: EMPIRICAL STUDY (S075)

Tom Wielicki

THE ACCEPTABILITY OF MOOC CERTIFICATES IN THE WORKPLACE (R124)

Christina Banks and Edward Meinert

09:30-11:00 Session FP 3.2 - (ICT & WBC 2016)

Life environment and ICT

(Room Berlin)

Chair: Virve Sürak

THE ROLE OF ARCHITECTURAL DESIGN IN VIRTUAL WORLDS FOR EDUCATIONAL PURPOSES (F046)

Noha Saleeb, Georgios Dafoulas and Martin Loomes

UNLOCKING THE POTENTIAL OF INFORMATION AND COMMUNICATION TECHNOLOGY FOR BUSINESS SUSTAINABILITY

BY SMALL, MICRO AND MEDIUM ENTERPRISES IN VHEMBE DISTRICT, SOUTH AFRICA (F012)

Francis Mungofa Manzira and Willard Munyoka

PLAYFUL E-PARTICIPATION WITH MINECRAFT AS DEVELOPMENT TOOL FOR URBAN REDESIGN: A CASE STUDY (F007)

Artan Rexhepi, Sonja Filiposka and Vladimir Trajkovik

11:00-11:30 Coffee Break

11:30-12:50 Session FSRP 3.3 - (EL 2016)

e-Learning Models

(Room Lisboa)

Chair: Maggie McPherson

A DISTRIBUTED INTELLIGENT E-LEARNING SYSTEM (F062)

Terje Kristensen

GAMIFY AND RECOGNIZE PRIOR LEARNING: HOW TO SUCCEED IN EDUCATORS' FURTHER PROFESSIONAL TRAINING WITH OPEN BADGES (S098)

Esko Lius

VIRTUAL & REAL FACE TO FACE TEACHING (R090)

Romeo Teneqexhi and Loreta Kuneshka

VIRTUAL SCAFFOLDING – CONSTRUCTIVISM IN ONLINE LEARNING (R126)

Lachlan MacKinnon and Liz Bacon

11:30-12:50 Session FSP 3.4 - (ICT & WBC 2016)

Social Media

(Room Berlin)

Chair: Sonja Filiposka

IMPACT OF SOCIAL COMPUTING ON BUSINESS OUTCOMES (F003)

Marie D Fernando, Athula Ginige and Ana Hol

DESIGN OF AN ONTOLOGY FOR THE USE OF SOCIAL MEDIA IN EMERGENCY MANAGEMENT (F024)

Matthias Moi and Nikolai Rodehutsors

FACEBOOK AND WHATSAPP AT SCHOOL, PRESENT SITUATION AND PROSPECTS IN ITALY (S026)

Marco Lazzari, Letizia Caso and Alessandra de Fiori

12:50 Best Paper Awards Ceremony and Closing Session

(Room Lisboa)

Profs. Miguel Baptista Nunes, Maggie McPherson and Pedro Isaías