

# IADIS International Conference e-Learning 2010

## PRELIMINARY CONFERENCE PROGRAM

**Monday 26<sup>th</sup>, July 2010**

**08:30-17:00 Welcome Desk**

**09:30-10:00 Session O – Opening Session  
(Room: 1015)**

**OPENING SESSION**

*Profs: Pedro Isaias, Maggie McPherson and Miguel Baptista Nunes*

**10:00-11:00 Session KL1 – Keynote Presentation  
(Room: 1015)**

**E-LEARNING: REGENERATION, RESEARCH AND INNOVATION, THE STORY OF LEARNING LIGHT**

*David Patterson, Project Director, Learning Light Limited, UK*

**11:00-11:30 Coffee Break**

**11:30-13:00 Session FP 26.1  
Participation and Motivation in e-Learning  
(Room: 1015)**

**THE ROLE OF SOCIAL MOTIVATIONS IN E-LEARNING: HOW DO THEY AFFECT USAGE AND SUCCESS OF ICT INTERACTIVE TOOLS? (F118)**

*Blanca Hernández, Teresa Montaner, F. Javier Sese and Pilar Urquiza*

**EFFECTS OF COMPETITION IN EDUCATION: A CASE STUDY IN AN E-LEARNING ENVIRONMENT (F209)**

*Iván Cantador and José M. Conde*

**ADULTS PARTICIPATING IN E-LEARNING AND ITS EFFECT IN TAIWAN (F200)**

*Dian-Fu Chang and Sung-Po Lin*

**11:30-13:10 Session FSP 26.2  
Virtual Learning Environments (VLEs)  
(Room: 1108)**

**THE AFFECTIVE SUBJECT AND VIRTUAL LEARNING ENVIRONMENTS (F027)**

*Magali Teresinha Longhi, Patricia Alejandra Behar and Magda Bercht*

**E-LEARNING IN SECOND LIFE: OPPORTUNISTIC VIRTUAL SPACES FOR SOCIAL-COLLABORATIVE OR DEEP-REFLECTIVE LEARNING? (F239)**

*Yin-Leng Theng*

**AN EDUCATIONAL INTERFACE BASED ON INTERACTIVE SLIDESHOWS (S069)**

*Santiago Dominguez-Noriega, Juan Manuel Vaca, Paula Ferreira and Mercedes Rico*

**DYNAMIC GENERATION OF ADAPTATIVE TEACHING MATERIAL FOR SEMANTIC WEB APPROACH (S214)**

*Ouarda Oualhi and Mohamed Tayeb Laskri*

**11:30-13:10 Session FSP 26.3**

**Evaluation of Student and Tutor Satisfaction // Learning and cognitive styles // Other**

**(Room: 1224)**

**EVALUATING THE ATTITUDE OF A STUDENT IN E-LEARNING SESSIONS BY PHYSIOLOGICAL SIGNALS (F051)**

*Shusaku Nomura, Takao Yamagishi, Yoshimasa Kurosawa, Kuniaki Yajima, Katsuko T. Nakahira, Nobuyuki Ogawa, C.M. Althaff Irfan, Santoso Handri and Yoshimi Fukumura*

**IS IT JUST TALK? ANALYZING ELECTRONIC EXCHANGE STRUCTURE IN E-LEARNING GROUPS (F096)**

*Hwee Ling Lim*

**AN ANALYSIS OF FACTORS AFFECTING STUDENTS' SATISFACTION IN MASS-PRODUCTION EDUCATION (S081)**

*Akio Takashima, Hiroshi Maruyama and Taichi Nakamura*

**CAPTURE YOUR UNIVERSITY (S139)**

*Walther Nagler, Ypatios Grigoriadis, Christian Stickel and Martin Ebner*

**13:00-14:30 Lunch Break**

**14:30-16:50 Session FSRP 26.4  
Innovations in e-Assessment // Online Assessment // Other  
(Room: 1015)**

**FORMATIVE E-ASSESSMENT OF SOFTWARE VERIFICATION SKILLS IN HIGHER EDUCATION (F135)**

*Susanne Gruttmann, Claus A. Usener, Tim A. Majchrzak and Herbert Kuchen*

**CONSTRUCTION AND ANALYSIS OF EDUCATIONAL ASSESSMENTS USING KNOWLEDGE MAPS WITH WEIGHT APPRAISAL OF CONCEPTS (F250)**

*Tzone-I Wang, Chien-Yuan Su and Jun-Yuan Chang*

**E-FACILITATING FOR CREATIVITY DEVELOPMENT: CASE STUDIES (F020)**

*Shinn Rong Lin and Pao-I Lee*

**AN INTELLIGENT ELECTRONIC ASSESSMENT SYSTEM (S039)**

*Simon Caruana*

**TEACHING OF DIFFERENTIAL EQUATIONS USING MATHEMATICS E-LEARNING SYSTEM STACK (R201)**

*Yasuyuki Nakamura, Takahiro Nakahara and Minoru Akiyama*

**THE INTRODUCTION OF A PERCENTAGE SAFETY SYSTEM WITHIN AN ITEM BANK (R254)**

*Digkas Christos, Piliotis Savvas, Bousiou-Makridou Despoina and Tsopoglou Stavros*

**14:30-17:00 Session FSP 26.5**  
**Learning Theories and Approaches for e-Learning //**  
**e-Learning Pedagogical Strategies**  
**(Room: 1108)**

**DEVELOPING A MULTICULTURAL LEARNING EXPERIENCE IN WEB 2.0 (F076)**  
*Elisabetta Gola and Roberto Muffoletto*  
**DEVELOPING A FRAMEWORK FOR ADVANCING E-LEARNING THROUGH DIGITAL STORYTELLING (F234)**  
*Najat Smeda, Eva Dakich and Nalin Sharda*  
**SMART LEARNERS: AN ANCILLARY WEB-BASED PROGRAM THAT ENHANCES LEARNING MOTIVATION (F235)**  
*Anthony Yau*  
**A SOLID FOUNDATION: WHY E-ASSESSMENT SHOULD BE BASED ON A SYSTEMATIC TYPOLOGY OF TEST ITEMS (S055)**  
*Cerstin Mahlow, Michael Piotrowski and Wolfram Fenske*  
**ENCOURAGING NOVICES TO COLLABORATE IN PROGRAMMING EXERCISES (S124)**  
*Dinh Dong Phuong, Fumiko Harada, Yusuke Yokota and Hiromitsu Shimakawa*  
**INSTRUCTOR FACILITATION MOVES THAT ADVANCE KNOWLEDGE CONSTRUCTION DURING ONLINE DISCUSSIONS (S105)**  
*Joyce Hwee Ling Koh*

*Jariya Neanchaleay, Surapon Boonlue and Kanyarat Kochasen*  
**VIDEO CONFERENCING AS A SUPPORT SYSTEM IN TURKISH HIGHER EDUCATION (R262)**  
*Ozlem Ozan and Yasin Ozarslan*

**09:00-11:10 Session FSP 27.3**  
**e-Learning Curriculum Development Issues**  
**(Room: 1108)**

**INFLUENCES ON STUDENTS' CHINESE ESSAY WRITING PERFORMANCE BY UTILIZING ONLINE INTERACTIVE SYSTEM BASED ON THE APPROACH OF "CONDITIONED WRITING" (F126)**  
*Tzu-hua Huang, Yuan-chen Liu, Hsiao-mei Hsieh and Yu-chun Chen*  
**ACADEMIC PRACTICE IN ALIGNING LEARNING OUTCOMES, ASSESSMENT STRATEGIES AND TECHNOLOGIES: JOINING THE DOTS (OR NOT) (F042)**  
*Margot McNeill, Maree Gosper and John Hedberg*  
**A STUDY OF 'SIGHT WORDS' TEACHING STRATEGIES AND LEARNING SYSTEMS WITH REFERENCE TO A GROUP OF FIFTH-GRADE STUDENTS IN TAIWAN (F127)**  
*Yuan-chen Liu, Tzu-hua Huang, Li-ling Wu and Yu-chun Chen*  
**LEARNING SEQUENCES CONSTRUCTION USING VAN HIELE MODEL AND BAYESIAN NETWORK (S265)**  
*J. Wey Chen*  
**BEST PRACTICES OF SCREENCASTING (S030)**  
*Rui Jesus and Fernando Moreira*

## Tuesday 27<sup>th</sup>, July 2010

**08:30-17:00 Welcome Desk**

**09:00-11:00 Session FSP 27.1**  
**e-Learning Research Methods and Approaches //**  
**Evaluation of e-Learning Technologies**  
**(Room: 1015)**

**EDUCATIONAL USES OF BLACKBERRY TECHNOLOGY AMONG HIGHER EDUCATION SAUDI STUDENTS (F031)**  
*Fahad N. Al-Fahad*  
**E-LEARNING ON MOBILE SOCIAL VIDEO APPLICATION (F113)**  
*Pauliina Tuomi and Jari Multisilta*  
**COMBINING RESEARCH PARADIGMS: AN EXAMPLE FROM HIGHER EDUCATION (S222)**  
*Roelien Goede and Estelle Taylor*  
**INTEROPERABILITY QUALITY IN REPOSITORIES OF LEARNING OBJECTS (S047)**  
*Salvador Otón, José Ramón Hílera, Antonio Ortiz, Luis de Marcos, Roberto Barchino, José María Gutiérrez, and José Antonio Gutiérrez*  
**THE STUDY OF MOBILE GAMING IN ELEMENTARY SCIENCE LEARNING (S048)**  
*Ching Hui Chen and Chiung Sui Chang*

**09:00-11:05 Session FSRP 27.2**  
**Primary and Secondary Education**  
**(Room: 1228)**

**DIGITAL LEARNING GAMES FOR SOCIAL STUDIES CLASSROOMS: ARE THEY WORTH THE EFFORT? (F035)**  
*Nancy B. Sardone and Roberta Devlin-Scherer*  
**EFFECTIVENESS OF THE PEER-TUTORING SYSTEM ON MATHEMATICS LEARNING FOR STUDENTS WITH LEARNING DIFFICULTIES (F058)**  
*Mengping Tsuei*  
**NO PAIN, NO GAIN? – TEACHERS' MANNERS, FUNCTIONAL USE, AND PERCEIVED VALUES IN IMPLEMENTING ICT IN INSTRUCTION (F102)**  
*Keijo Sipilä*  
**THE CONSTRUCTION OF COMPUTER MULTIMEDIA LESSON WITH PRACTICE BY COOPERATIVE LEARNING ON SPREADSHEET (S131)**

**11:00-11:30 Coffee Break**

**11:30-13:10 Session FSP 27.4**  
**Creating e-Learning Courses**  
**(Room: 1015)**

**COURSE SETTINGS AND OUTCOMES IN A BLENDED LEARNING ENGLISH COURSE (F077)**  
*Kazuharu Toyokawa*  
**CREATING A PERSONALISED E-LEARNING HIGHER EDUCATION TEACHING QUALIFICATION (F136)**  
*Len Webster and Bill Potter*  
**THE DEVELOPMENT OF THE ONLINE LESSON THROUGH SYNECTICS ACTIVITIES TO ENHANCE CREATIVE THINKING FOR UNDERGRADUATE STUDENTS (S133)**  
*Saranya Chuathong, Sorakrich Maneewan and Monradee Asunee Na Ayuthaya*  
**REFLECTIONS ON THE DESIGN AND REALIZATION OF AN ONLINE COURSE (S244)**  
*Giuliana Dettori*

**11:30-13:20 Session FSP 27.5**  
**Case Studies**  
**(Room: 1228)**

**E-LEARNING SUCCESS IN ACTION! A CASE STUDY RESEARCH ON E-LEARNING SUCCESS IN INTERNATIONAL ACTING ORGANIZATION (F158)**  
*Bernd Hilgarth*  
**USING ANT TO DESCRIBE A SUCCESSFUL MOBILE POST-TRAINING SUPPORT IMPLEMENTATION IN A SOUTH AFRICAN HEALTH ENVIRONMENT (S211)**  
*Jacobus Liebenberg*  
**EFFECTS OF THE PRESENTATION OF PROVOCATIVE PROBLEMS ON TEXT COMPREHENSION (S072)**  
*Ulrike Hanke*  
**LOG-FILE EVALUATION OF A PROBLEM BASED E-LEARNING UNIT ON VISUAL LITERACY (S091)**  
*Barbara Scheumer and Lukas Faessler*  
**USING WEBINARS AS E-LEARNING TOOL (S223)**  
*Clemens Bechter, Nitirut Tiyasooksavat and Lalada Tangerdjaras*

**11:30-12:30 Poster Session  
(Hall)**

**CLASSIFICATION OF STUDENT'S PHYSIOLOGICAL RESPONSE TOWARDS EVALUATING E-LEARNING COURSE MATERIALS (S053)**

*Santoso Handri and Shusaku Nomura*

**MODELLING OF EDUCATION PROCESS IN LMS USING PETRI NETS STRUCTURE (P032)**

*Zoltán Balogh and Cyril Klimeš*

**RESEARCH METHODS AND VIRTUAL WORLDS: A CASE STUDY IN ATTITUDES TOWARDS RISKS (P067)**

*Anna Mavroudi, Maria Fountana and Thanasis Hadzilacos*

**ON EXTRACTING PERSONAL RECOMMENDATION KNOWLEDGE BASED ON THE EXPERIENCE SHARING MECHANISM OF NATURAL ANTS (P085)**

*Feng-Hsu Wang and Chen-Chan Lin*

**A PRELIMINARY ANALYSIS OF OLDER ADULTS' BLOGS (P108)**

*Mei-Yu Wang*

**VISUALIZING THE DIFFERENT ELEMENTS INVOLVED IN HYPOTHESIS TESTING (P112)**

*Manuel Jurado Bello and José Diz Pérez*

**ENGLISH ASSISTANCE WITH CORPUS ANALYSIS--**

**DICTIONARY, THESAURUS, COLLOCATIONS-- (P115)**

*Hiroshi Ohtake, Nobuyuki Fujita, Takeshi Kawamoto, Yoshihiro Ugawa, Brian Morren, Hiroaki Takeuchi, Masataka Takekoshi and Shuji Kaneko*

**INFORMATION PORTALS AND LEARNING COMMUNITIES: AN ANALYSIS OF THE PORTAL GPA'S INTERACTION AND COMMUNICATION PROCESSES (P121)**

*Cristina Haguenauer, Marcus Mussi and Francisco Cordeiro Filho*

**INTERACTIVITY AND COMMUNICATION IN VIRTUAL LEARNING ENVIRONMENTS (VLE) (P122)**

*Cristina Haguenauer, Marcus Mussi and Francisco Cordeiro Filho*

**ELEARNING FOR BIOINFORMATICS (P134)**

*Victoria Ann Wright and Vicky Schneider*

**THE CONSTRUCTION OF THE RADIO STATION FOR EDUCATION AND RESEARCH OF THE DEPARTMENT OF EDUCATIONAL COMMUNICATIONS AND TECHNOLOGY, FACULTY OF INDUSTRIAL EDUCATION AND TECHNOLOGY, KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI (P138)**

*Surapon Boonlue, Sapon Meejaleur, and Nutyama Ma-aekhiean*

**E-LEARNING – A NEW FORM OF ENVIRONMENTAL EDUCATION IN POLAND (P197)**

*Katarzyna Nieszporek, Marta Tarabula-Fiertak, Małgorzata Grodzińska-Jurczak and Monika Ochwat-Marcinkiewicz*

**E-LEARNING BSP (P199)**

*Rainer Kelch*

**A COMPREHENSIVE APPROACH FOR THE CONSOLIDATION OF A VIRTUAL LEARNING ENVIRONMENT (P210)**

*Carlos León de Mora, Juan Camarillo Casado, Ana Conde Gómez and Manuel Ramos Gómez*

**WHAT DO ONLINE GAME TEAMS LEARN? SHARED MENTAL MODEL FOR TEAMWORK OF MMORPG CORE GAMERS (P217)**

*Shan-Mei Chang and Sunny S. J. Lin*

**AN ASSESSMENT OF WEB-BASED TEXTBOOK SUPPLEMENTARY MATERIAL (P233)**

*Andrew Greasley*

**EVALUATING COLLABORATION USING THE METHODS OF SOCIAL NETWORK ANALYSIS IN A VIRTUAL TRAINING SYSTEM (P245)**

*Luisa M. Romero-Moreno and Ildelfonso Lucena*

**EXAMINING THE READABILITY OF ARABIC ELECTRONIC CONTENT: AN EXPLORATORY EYE TRACKING STUDY (P248)**

*Buthainah Al-Dosary, Reem Al-Salloom and Weam Al-Rashid*

**14:30-17:15 Session FSP 27.6**

**e-Skills and Information Literacy for Learning  
(Room: 1015)**

**A VIRTUAL COMMUNITY OF LEARNING – A CASE STUDY: THE NASA INDIGENOUS COMMUNITY (F061)**

*Roberto Carlos Naranjo Cuervo, Luz Marina Sierra Martínez and Tulio Rojas Curieux*

**THE IMPACT OF ICT USE ON NEW MILLENNIUM LEARNERS' EDUCATIONAL PERFORMANCE (F249)**

*Myunghee Kang, Heeok Heo, Minjeong Kim and Nara Yoon*

**UNDERSTANDING “DOABILITY”—WHEN TEACHERS BECOME DIGITAL MOVIE PRODUCERS (F090)**

*Olga Werby*

**A STUDY OF ICT LITERACY EDUCATION BY MOBILE PHONE FOR CHILDREN OF ELEMENTARY SCHOOL (S212)**

*Yuko Hiramatsu, Atsushi Ito and Fumihoro Sato*

**DOING ACADEMIC ASSIGNMENTS: WHETHER TO USE A WIKI OR AN ALTERNATIVE PLATFORM (S255)**

*Paula Hodgson, Dean Gui and Dora Wong*

**E-COMPETENCE FOR ACADEMIC STAFF IN A NEAR-THE-JOB TRAINING (S140)**

*Benno Volk*

**DIGITAL LITERACIES – A CRUCIAL REQUIREMENT FOR A SUSTAINABLE ECONOMIC FUTURE IN AN INFORMATION AND KNOWLEDGE-BASED SOCIETY? (R198)**

*Lydia Bauer*

**14:30-16:50 Session FSP 27.7**

**e-Delivery in Different Contexts // e-Learning Pedagogical Strategies**

**(Room: 1228)**

**ARE ALL NET GENERATION STUDENTS THE SAME?: THE FREQUENCY OF TECHNOLOGY USE AT UNIVERSITY (F187)**

*Anesa Hosein, Ruslan Ramanau and Chris Jones*

**CONTEXT-AWARE RETRIEVAL OF LEARNING UNITS (F204)**

*Natalie Mareth, Alexander Streicher, Alexander Bauer and Wolfgang Roller*

**ELEMENTARY SCHOOL CHILDREN'S EXPERIENCES WITH MULTI-USER NARRATIVE SHARING SYSTEM (S056)**

*Jui-Chih Chin and Mengping Tsuei*

**COMMUNITY ASSISTED THINKING WEBSITE- ESTABLISHMENT AND EVALUATION OF CREATIVE THINKING ENVIRONMENT (S130)**

*Gloria Yi-Ming Kao and Pei-Yin Yao*

**„TRANSFER“-„TUTOR“-„COACH“-„NETWORK“-THE EMERGING SOCIAL VALUE OF LEARNING (S147)**

*Ulf-Daniel Ehlers and Anne Steinert*

**PEDAGOGICAL PATTERNS FOR COMPUTER-MEDIATED COMMUNICATION (S060)**

*Nicola Marsden and Cornelia Connolly*

**20:00 Conference Dinner**

**13:00-14:30 Lunch Break**

**Wednesday 28<sup>th</sup>, July 2010**

**08:30-17:00 Welcome Desk**

**09:00 – 10:00 Session FP 28.1**

**Pedagogical Models  
(Room: 1015)**

**EPISTEMIC EFFECTS OF EXTERNALIZATION (F026)**

*Ulrike Hanke*

**SCAFFOLDING CRITICAL DISCOURSE IN ONLINE  
PROBLEM-BASED SCENARIOS: THE ROLE OF  
ARTICULATION AND EVALUATIVE FEEDBACK (F064)**

*Gihan Osman and Thomas Duffy*

**09:00 – 11:20 Session FSP 28.2**

**Higher and Further Education // Other  
(Room: 1140)**

**SUPPORTING LEARNING BY DOING IN ARCHAEOLOGY  
WITH ACTIVE PROCESS MAPS (F062)**

*Marco P. Locatelli, Viviana Ardesia and Federico Cabitza*

**RESHAPING COMPUTER LITERACY TEACHING IN  
HIGHER EDUCATION: IDENTIFICATION OF CRITICAL  
SUCCESS FACTORS (F221)**

*Estelle Taylor, Roelien Goede and Tjaart Steyn*

**TOWARDS TOOLS FOR EDUCATIONAL ACTION  
RESEARCH: A META-ANALYSIS ON APPLIED RESEARCH  
QUESTIONS (F079)**

*Anna Lea Dyckhoff*

**ARE BOYS AND GIRLS REALLY THAT DIFFERENT: NEW  
MILLENNIUM LEARNERS' EDUCATIONAL  
PERFORMANCE (F218)**

*Hye Yoon Jung, Misoon Park, Jeongmin Lee, Ji Eun Lee and Jung  
Seon Han*

**A CASE STUDY WITH PMATE IN THE LEARNING OF  
MATHEMATICAL SUBJECTS AT UNIVERSITY LEVEL  
(S098)**

*Sónia Pais, Isabel Cabrita and António Batel Anjo*

**09:00 – 11:10 Session FSRP 28.3**

**Blended Learning  
(Room: 1228)**

**EFFECTS OF FEEDBACK SYSTEMS IN BLENDED  
LEARNING ENVIRONMENTS: FOCUS ON STUDENT  
SATISFACTION IN INFORMATION TECHNOLOGY  
EDUCATION COURSES (F111)**

*Takeshi Kitazawa, Masahiro Nagai and Jun Ueno*

**EVALUATION PRACTICES OF TEACHING AND  
LEARNING IN PORTUGUESE HIGHER EDUCATION  
BLENDED LEARNING MODULES (F177)**

*Lúcia Pombo and António Moreira*

**THE MODULE ASSESSMENT ADVICE PACK (MAAP)  
FRAMEWORK: DEVELOPING A BLENDED E-REVISION  
STRATEGY FOR STUDENT ASSESSMENT  
(S028)**

*Alan Hogarth*

**THE IMPACT OF DIFFERENT INSTRUCTOR  
INTERVENTIONS ON STUDENTS' INTERACTIONS  
DURING ASYNCHRONOUS DISCUSSION GROUPS (S065)**

*Şerife Ak*

**DEVELOPING A BLENDED LEARNING STRATEGY:  
PEDAGOGICAL PARADIGM SHIFT (R142)**

*António Moreira and Angélica Monteiro*

**JUMP OVER THE SHADOW? FROM THE TRADITIONAL  
EDUCATION TO THE NON-TYPICAL ONE OR THE  
EXPERIENCES OF AN ELECTRONIC LEARNING  
ENVIRONMENT (R261)**

*D. Benedek András, György Molnár and János Horváth Cz.*

**10:15-11:00 Talk**

**(Room: 1015)**

**PREPARING ONLINE TEACHERS: TRANSFORMING  
TRADITIONAL CLASSROOM STRATEGIES AND**

**TECHNIQUES INTO THE VIRTUAL LEARNING  
ENVIRONMENT**

*Dr. Bob Barrett, Jr., American Public University, USA*

**11:00-11:30 – Coffee Break**

**12:00-13:00 Session KL2 – Keynote Presentation**

**(Room: 1015)**

*Professor Colla Jean MacDonald, University of Ottawa, Canada*

**13:00 – 14:30 – Lunch Break**

**14:30-16:30 Session FSRP 28.4**

**Technological Issues  
(Room: 1015)**

**LEARNING MAPS USAGE OF CARTOGRAPHIC  
METAPHORS FOR ORIENTATION IN E-LEARNING  
COURSES (F205)**

*Julia Schröck, Bela Andreas Bargel, Wolfgang Roller and Anne  
Rauner*

**THE SHIFT FROM VLE TO MLE – A WORK-IN-PROGRESS  
REPORT ON SYSTEM INTEGRATION TOWARD A  
MANAGED LEARNING ENVIRONMENT (S156)**

*S. Carletti, L. Maurizi, M. Micozzi and D. Bonura*

**APPLICATION INTEGRATION METHODS FOR LEARNING  
MANAGEMENT SYSTEMS (S226)**

*Silvia Knittl and Hans Pongratz*

**USING WIKI-BASED APPROACH TO CONSTRUCTING  
ITEM BANK OF ARITHMETIC WORD PROBLEMS (S087)**

*Shian-Shyong Tseng, Tsung-Ju Lee, Shih-Wei You and Jui-Feng  
Weng*

**MODEL FOR AN ACTIVE SEMANTIC LEARNING SYSTEM  
(R149)**

*Ioan Szilagyi and Ioan Roxin*

**METADATA FOR LEARNING OBJECTS – A CURE FOR  
INFORMATION OVERFLOW? (R057)**

*Stefanie Sieber and Andreas Henrich*

**14:30-16:20 Session FSP 28.5**

**Higher and Further Education // Continuous Professional  
Development (CPD) for Educational and Training Staff  
(Room: 1228)**

**MEDICAL DEVICES TECHNOLOGY TEACHERS' ASPECTS  
TO WEB-BASED VOCATIONAL IN-SERVICE TRAINING  
(F082)**

*Mehtap Naillioğlu Kaymak, Ömer Pakyürek, Aydın Çetin and İnan  
Güler*

**REPROTOOL: A SOFTWARE TOOL FOR DEVELOPING  
PROGRAMMES USING LEARNING OUTCOMES (S016)**

*Philippos Pouyioutas, Harald Gjermundrod and Ioanna Dionysiou*

**PBL-BASED FIRST YEAR EDUCATION COURSE OF  
LEARNING SOFTWARE ENGINEERING FOR NOVICE  
SOFTWARE PROGRAMMERS THROUGH GAME  
SOFTWARE (S074)**

*Hiroyuki Kameda*

**INNOVATIVE PROCESS IN E-LEARNING (S114)**

*Alena Bušiková and Jozef Hvorecký*

**CHALLENGES OF A DISTANCE PROGRAMME AIMING  
AT THE PROFESSIONAL DEVELOPMENT OF TEACHERS  
IN HIGHER EDUCATION (S059)**

*Françoise Jérôme, Chantal Dupont, François Georges and  
Marianne Poumay*

**14:30-16:20 Session SRP 28.6**  
**Designing e-Learning Settings // Developing e-Learning**  
**Pilots and Prototypes**  
**(Room: 1142)**

**MANAGING BLENDED LEARNING SCENARIOS BY USING**  
**AGILE E-LEARNING DEVELOPMENT (S202)**

*Michael Tesar and Stefanie Sieber*

**IVHPS: A WEB-BASED BAYESIAN VAN HIELE PROBLEM**  
**SOLVER FOR JAVA LANGUAGE (S260)**

*J. Wey Chen*

**DESIGNING INTELLIGENT WEB-BASED E-LEARNING**  
**BASED ON WEB 2.0 AND AGENTS-BASED MODEL (S264)**

*Jaremsri L. Mitranont, Somchart Fugkeaw, Teerapat Pachimkul*  
*and Wudhichart Sawangphol*

**EDUCATIONAL SUPPORT SYSTEM FOR REMOTE**  
**EDUCATION ON CIRCUIT EXPERIMENTS BY USING**  
**4-DIMENSIONAL IMAGE PROCESSING (S174)**

*Atsushi Takemura*

**A PROPOSAL OF E-LEARNING SYSTEM FOR EMBEDDED**  
**SOFTWARE EDUCATION (R024)**

*Lei Zhang, Jun Sawamoto and Eiji Sugino*

**TRANSFORMING A STANDARD LECTURE INTO A**  
**HYBRID LEARNING SCENARIO (R162)**

*Hans-Martin Pohl, Jan-Torsten Milde and Jan Lingelbach*

**11:30-13:30 Session FSRP 29.2**  
**Designing e-Learning Tasks // Designing e-Learning**  
**Settings**  
**(Room: 1224)**

**THEORY-BASED CASE SIMULATION AND AUTOMATED**  
**TASK SYNTHESIS TO SUPPORT LEARNING ON**  
**LEARNING (F148)**

*Pablo Pirnay-Dummer*

**STUDENT USES OF IT IN LEARNING: AN**  
**ETHNOGRAPHIC STUDY (F043)**

*Margot McNeill and Ming Ming Diao*

**CLICKING LIKE CLOCKWORK? A PILOT STUDY ON**  
**ELECTRONIC RESPONSE SYSTEMS (F143)**

*Stefanie Panke and J. Matthew Osment*

**TRAVIS TO ENHANCE ONLINE TUTORING AND**  
**LEARNING ACTIVITIES: REAL TIME VISUALIZATION OF**  
**STUDENTS TRACKING DATA (F178)**

*Madeth May, Sébastien George and Patrick Prévôt*

**13:30 Best Paper Awards Ceremony and Closing Session**  
**(Room: 1224)**

*Profs: Pedro Isaías, Maggie McPherson and Miguel Baptista Nunes*

**16:30-17:00 Doctoral Consortium Session**  
**(Room: 1142)**

**Thursday 29<sup>th</sup>, July 2010**

**08:30-13:30 Welcome Desk**

**09:00 – 11:00 Session FP 29.1**  
**Learning Management Systems (LMS) // Architecture of**  
**Educational Information Systems Infrastructure**  
**(Room: 1224)**

**THE LMS MOODLE IN SCHOOLS: BENEFITS AND**  
**OBSTACLES (F075)**

*Dirk Ifenthaler*

**INTEGRATING INDUSTRIAL PARTNERS INTO**  
**E-TEACHING EFFORTS - A PORTAL TO SUPPORT THE**  
**INITIATION OF CO-OPERATIONS (F141)**

*Tobias Fries and Andreas Henrich*

**SERVICE-ORIENTED AND AGENT-BASED**  
**ARCHITECTURE SUPPORTING ADAPTABLE**  
**CONTEXT-AWARE PROVISION OF MOBILE E-LEARNING**  
**SERVICES (F025)**

*I. Ganchev, S. Stoyanov, V. Valkanova and M. O'Droma*

**THE GREEK SCHOOL NETWORK LEARNING**  
**INFRASTRUCTURE (F041)**

*Michael Kalochristianakis, Michael Paraskeyas and Emmanouel*  
*Varvarigos*

**11:00-11:30 Coffee Break**