

TABLE OF CONTENTS

FORWARD	1
WELCOME TO AVEIRO	2
PROGRAM COMMITTEE	4
KEYNOTE SPEAKERS	11
Michael Kompf There is Always Hope: The Future of Knowledge and Knowing in Higher Education.....	12
Uwe Krebs Teaching in the New Perspectives of Biological Anthropology and Brain Research	14
Peter Reimann Learning to Learn and Work in Net-Based Teams: Supporting Emergent Collaboration	16
PAPERS & POSTERS	19
Gazi Mahabubul Alam Quality Assurance at the Affiliated Institutions of Higher Education of the National University of Bangladesh.....	21
Melinda Webber The Role of Education in Ethnic Identity Development: The Experiences of Hybrid Maori/European in New Zealand	34
Ahmed Yousif Abdelraheem, Askin Asan Using and Sharing Digital Teaching Materials at College of Education at Sultan Qaboos University	41
Yu-Ju Chang The Effects of “Academic Paper Writing Conferencing Teaching Program” on Writing Quality and Writing Attitude of University Students	51
Paulo Almeida Pereira Data Mining as a Tool to Provide Enhanced Knowledge Management	56
C. Miller Teaching in Higher Education: Dealing With Difference	65
Teresa Vilaça Development Dynamics of Action-Oriented Learning on Health Education	74

Cheryl Howard	
Integrating Technologies to Enhance Distance/Online Education: A Tool that Supports both Development and Learning	84
Rossana Marilli	
An International Cooperation Program for Improving Nursing Education in Syria: Some Strategies and Lessons	91
Mariano Porcu, Marco Pitzalis, Isabella Sulis	
Differences of Cultural Capital among Students in Transition to University: Some Evidences from a Survey	98
António Caleiro	
A Proposal for an Evolutionary Assessment Criterion	103
Allan Kelvin Mendes de Sales, Giovanni Cordeiro Barroso, José Marques Soares, Paulo César Cortez	
PARALLAX - Distance Collaboration in a Real Basic Electronics Laboratory: Modelling and Validation Using Coloured Petri Nets	110
Maria Luisa Pedditz	
Quality of the Scholastic System and Teacher Satisfaction	119
Ana O. Brochado, Rui C. Marques	
Comparing Five Instruments to Measure Service Quality in Higher Education....	128
Hepu Deng	
Curriculum Developments in Information Systems Education: An Empirical Analysis	133
Lynn McQuarrie, Phillip McRae	
Creativity, Complexity and Choice in Educational Practice: Celebrating Differentiated Instruction and the Alberta Initiative for School Improvement (AIS)	140
Lúcia Pombo, Maria João Loureiro, Ana Balula Dias, António Moreira	
Teaching and Evaluation Strategies in Online Contexts: The Case Study of Educational Software Evaluation	148
Gazi Mahabubul Alam, Mirja Mohammad Shahjamal	
Quality Assurance in Private University of Bangladesh: Its Status, Problems and Strategic Plans	156
Gazi Mahabubul Alam, Mirja Mohammad Shahjamal	
Quality Assurance of HE Provided through Open and Distance Mode: A Case Study on Status, Problems and Some Strategic Plans of Bangladesh Open University.....	168
Leila Pehkonen, Aino-Maija Lahtinen	
University Students' First Journeys of Exploration into the World of Research ...	181

Hanan Yaniv, Susan Crichton S-AI-L: Simulated, Adventure Intelligent, Learning: An Instructional Design Model	189
Mala-Maung, Azman Abdullah, Norhasliza Hashim A Longitudinal Study on a Self-Learning E-Resource Component of a Blended-Learning, Outcome-Based Medical Education	200
M.M. Ryan, M. Ogilvie, A. Bevilaqua Teaching Marketing Research: Using a Bridging Vehicle to Increase Deep Learning	208
Bashar H. Sader, Hassan A. Arafat, Rania M. Ismail Effect of Academic Field on Student Evaluations of Faculty Members' Teaching Performance: A Palestinian Experience	213
Ali Simsek, Jale Balaban Learning Strategies of Successful and Unsuccessful University Students.....	221
Lídia Simão, Filipe Coelho "Customer" Orientation in Secondary Schools	227
C. Tavares, M. Silva, A. Albuquerque ePortfolios in Translators' Training and Assessment.....	234
M. Helena Pedrosa de Jesus, Mike Watts, Patrícia Almeida The Snowball Effects of Students' Questions: Contributions of Mini-Projects.....	240
Baukje Veenstra, Paul L.C. van Geert, Bieuwe F. van der Meulen Toddlers and Computers – Learning to Learn through Computer Games: A Fundamental Approach.....	247
Jose F. Alvarez, Juan Asensio, María A. García, Pilar González Adaptation of an Engineering Course to the EHEA: Competencies, Teaching Methodology and Assessment System.....	257
I.M.P.L.V.O. Ferreira, O. Pinho, M. Amaral, I. Martins Application of Blended-Learning Strategies on Sensory Analysis' Teaching	262
C. Ribeiro, A. S. Pereira, J. Tavares, I. Huet Improving Student's Skills in Higher Education	271
L. Trudel, A. Métioui Use of the Discussion Method in the Physics Classroom: The Case of Kinematics	276
Antonio Álvarez, Anna Pitarch, Joan Monferrer Electronic ELP: The Challenge of Learner Autonomy	286

Maria Salete Batista Freitag, Nilza Maria Vilhena Nunes da Costa The Training Dimensions in the Practices of Internal Consultants and Tutors of Petrobras – Business Unit Rio Grande do Norte and Ceará	292
M. Amaral, D. Moura, C. Soares, A. Godinho Development of Resources for Computer-Based Testing in Campus-Wide IT Systems	300
Diamanto Filippatou, Stavroula Kaldi The Effectiveness of Project-Based Learning on Pupils with Mild Learning Difficulties: A Preliminary Study	308
Ilias Karasavvidis Patterns of Use of Online Resources in an Undergraduate ICT Course.....	317
Ana V. Baptista, José Bessa, José Tavares, Isabel Huet Studying Non-Traditional Adult Students' Motivation: A Research at the University of Aveiro	325
Ilknur Yuksel Pre-service Teachers' Teaching Anxiety: Its Reasons and Coping Strategies	335
Dilruba Kurum, Mustafa Sağlam The Postgraduate Students' Opinions about Instructional Development Program	345
Abdeljalil Métioui, Louis Trudel Innovative Teaching Strategies: Teaching Circuit Analysis from First Principles.	352
L. Rai Responding to Emotion in Practice-Based Learning	360
Serge Sévigny, Isabelle Beaudoin, Julien D'Amours-Raymond Subjective Writing Assessment and Reliable Feedback: Is It Possible?.....	367
A.P. Cabral, F.F. Lemos, M.D. Lousã, J. Monteiro, A. Rodrigues, P. Silva, M. Valério Academic and Professional Trajectories towards Employability.....	373
D. Cranfield, J. Taylor Knowledge Management and Higher Education: A UK Case Study.....	382
D. Neri de Souza, F. Neri de Souza Questioning and Explanation: An Active Learning Method.....	394
Ioana I. Moisil, Iulian Pah, and Dan Chiribuca Enhancing e-Learning Usability and Efficacy through Adaptive Design: Two Case Studies.....	402

Anne Lessard, Sylvine Schmidt, Martine Poirier Inclusive Classroom Management: A Case study	409
Basil Janavaras, Emanuel Gomes, Punyadip Cheema Problem-Based Learning in Global Strategy: Responses from Undergraduate and Postgraduate Students.....	417
A. Maneira, M.S. Di Marco, M.J.P. Maneira Blended Learning in Experimental Science and Technology: Practice and Future in Public Higher Education	432
Ioan Moldovan, Lucia Hurubeanu, Grigore Băciuț, Mihaela Băciuț, Robert Sader, Hans-Florian Zeilhofer Speech Correction in Children with Cleft Palate: Between Speech Therapy and Orofacial Surgery.....	436
J. Allan, K. Clarke, M. Jopling Notions of Effective Teaching: An Exploration of Students' and Lecturers' Perceptions of First Year Education Undergraduates	442
Ayodele. O. Ogunleye Evaluating an Online Learning Programme from Students' Perspectives	450
I.O. Eseni, A.O. Ogunleye, B.F. Adeoye Development of Indigenous ICT-Based Software (Courseware) and its Application in Teacher Education in Nigeria	459
Rui Jesus, Fernando Moreira eLearning and Solidarity: Myths and Realities.....	470
Nobuhiro Inuzuka, Tomofumi Nakano, Kosaku Shimomura Friendship Analysis Using Attendance Records to University Lecture Classes ..	478
Bridget Collins Narrowing of Modes of Assessment and Mindset: Limitations to Lifelong Learning	487
Sara Cervai, Luca Cian, Barbara A. Fabbro, Massimo Borelli ExPerO – A Model to Assess the Quality of the Learning Outcome	497
Conceição Costa, Manuel Damásio Web Participative Design with Children: Visual Research in Action.....	504
Adrian Kirkwood E-learning: You Don't Always Get What You Hope For	510
Alcina Nunes, Carlos Balsa Teaching Methodologies and Open Source Software: Empirical Application to Econometrics and Mathematics.....	420

Alina Preda, Vasile L. Preda The Role of Cooperative and Collaborative Learning in the Development of Metacognitive Skills	526
O. Akkus Creative Drama: As An Alternative Teaching Method In Mathematics Classrooms	534
Elaine Wilson Using Blended Learning in a Teacher Professional Based Science Education Masters Course.....	538
Tebeje Molla Dealing With Unquestioned Epistemic Assumptions of the History Teacher Learner: How Can We Use Transformative Learning Theory?	545
Nigel Quirke-Bolt, Angela Rickard Social Networking, as a Pedagogic Tool: Linking Schools in Asia and Europe to Support Classroom Project Work	553
Erja K. Syrjäläinen, Riitta A. Jyrhämä Why do Teachers Want to Become Mentors?.....	561
Gagik Demirjian Application of Innovative European Strategies in Armenian Education Environment.....	566
Adelina Silva Real Worlds, Virtual Worlds: Young People in Chat Rooms	570
Begoña de la Iglesia Mayol Music for All: An Experience in the Professional Conservatory of Music and Dance of Palma, Majorca	576
Maria Santa-Clara Barbas, António Moreira WEB 3.0 Fluids Database: e-Portfolio, Life Stories and Second Life	581
A. Kardan, A. Nassiry Grid Learning: A New Paradigm for Distributed e-Learning	587
F. Neri de Souza, M. Watts, A. Moreira E-Questioning Tutorial.....	592
Ruth Herrero, Isabel M. Solano, Juan P. Solano Teaching and Learning Methodologies in Engineering to Develop Students' Competencies	600
G.R. Pereira, A.S. Pereira HIV/AIDS Teaching and Learning Necessities.....	608

I. Martins, T. Correia, A. Soeiro Digital Portfolios in University of Porto: Defining Goals	614
Ana Margarida Veiga Simão, Fátima Cruz Duarte, Paula Costa Ferreira A Review of Self-Regulated Learning in TELEs	619
Vivienne Griffiths, Stavroula Kaldi, Ana Luisa Oliveira Pires Adult Learners and Entry to Higher Education: Motivation, Prior Experience and Entry Requirements	632
H. Keller, U. Iberer Pedagogical Success Factors of Part-time Master Programmes.....	641
Hassan A. Arafat, Bashar H. Sader, Rania M. Ismail What Does It Take for Instructors to Score High in Rapport and Grading on Student Rating Forms at a Palestinian University?	650
M. Conlon, V. Pavlika A Discussion of Video Capturing for Teaching Programming	656
Pilar González-Torre, María A. García, Adenso Díaz, Juan Asensio Co-Assessment Experiences in University Studies	662
Paula Simões, J.R. de Carvalho, M.Z. Rela The Use of New Technologies in Education: Some Proposals on Designing an Entrepreneurship Course Using Second Life®	668
J. Bintaş, O. Dönmez, M.F. Gelibolu Can We Trace Learners' Problem Solving Practises: hasLOGO Experience	674
M. Goman, J. Dimitrov, M. Nazha, H. Rajakaruna A Methodology for On-Line Enforced Learning	685
Pietro Piazzolla, Marco Gribaudo Teaching the Aesthetic of Lighting in Cinema	689
P.R. Bernardino, R.C. Marques Comparison of Regulatory Models of Higher Education in Europe: The Portuguese Situation	697
L. Cardoso, A. Meireles, A. Gomes Knowledge Management and Training: Searching a New Relational Sense	707
Gürsu Aşık, Merve Özçalı Curiositivism: A New Model to Learning	716
Derya Atik Kara, Esed Yağcı Adult Learners and the Quality of Instruction at In-service Training.....	721

M.E.C. de la Roca, C.S.G. Silva, P.A.C.H. Santos, P. Corsino (Re)lections on the Courses of the Early Childhood Educator: His Knowledge and Approaches to Environmental Education.....	728
Maria M. Ryan, Gary Marchioro A Model for Experiential Learning and Community Engagement in Marketing Research.....	734
Murat Altun The Mathematics Teacher Trainees' Skills and Opinions on Solving Non-Routine Mathematical Problems.....	741
A. Devesa, C. Perea, P. Campillo, V. Herranz Teaching Strategies for Mathematical Competencies for Engineers in the EHEA.....	749
Sheba S DMani, Azman Abdullah Perceptions of a Literature in Medicine E-learning Platform through the Analysis of Usage Patterns: The IMU Experience.....	755
M. Gestal, D. Rivero, J. Dorado, J. R. Rabuñal, A. Pazos The Artificial Neural Networks subject in the European Higher Education Area..	760
Milena Remis Teaching, Learning, the Brain, and Emotional Intelligence.....	765
Ruth Wallace Social Partnerships in Learning Frameworks: Learning Across Knowledge and Identity Boundaries.....	769
Carolyn M. Mamchur, Linda K. Apps Fallible Judgement.....	777
Paula Lee Kristmanson, Joseph Dicks, Josée Le Bouthillier ÉCRI: A Writing Model Incorporating Best Practices in French Immersion.....	783
John Kenny Evaluating Strategic Change Projects in an Organizational Context.....	792
L.M. Sobrado Fernández Diagnosis of the Students Motivation by the Areas of the School Curriculum.....	800
Charlotte Ringsmose Bring the Brain to School: Brain Based Learning in Special Needs Education....	806
Daniel Hunyadi, Iulian Pah, Mircea Musan Multi-Agent System Used for Evaluation of Students.....	813

A. Baldaque, M. Calejo Towards a New Generation User Help Platform: A Preliminary Review of Relevant Fields.....	818
Ali Merç Willingness to Communicate Inside the Classroom for Foreign Language Learners: A Study with Turkish Learners.....	828
E.Z. Mugaloglu, Z. Doganca An Attempt to Fulfil “the Missing Link” in Teacher Education: A Collaborative Action Research Project.....	836
Lara Godec Sorsak Students’ Oral Presentations.....	842
Fátima Barbosa, Sílvia Raquel Pereira Aesthetics and Critical Theory: Suggestions for an Adult Education Pedagogy..	849
Abdulkadir Erdogan, Emel Ozdemir Erdogan, Omer Garan, Mine Guler A New Learning Environment of Scientific Process for Pupils	858
S. Martellos, P.L. Nimis KeyToNature: Teaching and Learning Biodiversity: Dryades, the Italian Experience	863
Robert K. Munro, Christine Percival The Summer Academy: A Proven Educational Intervention Strategy	869
V. Pavlika A Discussion of Different Teaching Approaches Adopted During a Programming Tutorial	875
Fahad N. Al-Fahad Surveying Instructor and Learner Attitudes Toward E-learning Courses in College of Applied Studies and Community Service in Saudi Arabia	880
Ciril Horjak Horowitz, Kata Vidović Learning through Comics in Catering Company Slorest: Making Education Effective, Low-Cost and Fun	895
Blaine E. Hatt, Julie K. Corkett Post-modern Instructional Design: Teacher as Slave	901
Erika de Souza, Daniela Melaré M-learning and Educational Process: A Research Agenda	911
Bjørn Kruse Improvisation as a Dialogical Model in the Creative Thought Process.....	914

Nilza Costa, Isabel Huet, José Bessa, Cristina Oliveira, Paulo Oliveira, Dayse N. de Souza Enhance Teaching and Learning in First-Year Science and Engineering Courses: An On-Going Project at the University of Aveiro	920
J. González, H. Pomares, I. Rojas Use of the Sony PlayStation 2 to Motivate University Students into Learning Embedded Systems.....	923
M. Damas, H. Pomares, I. Rojas A New E-learning Strategy for Industrial Computation Students	928
H. Pomares, I. Rojas, L.J. Herrera, A. Guillén, M. Damas, G. Rubio, A. Cara, J. González Platform-Independent Didactic Environment for Digital Systems Design	932
María Pilar Cantero Vicente, Juan Luis Castejón Costa, Pablo Miñano Pérez Predicting Students' Academic Performance Based on Aptitudes, Specific Academic Self-Concept and Motivation	937
Nélida Pérez Pérez, María Pilar Cantero Vicente, Juan Luis Castejón Costa Empathy, Social Skills and Emotional Intelligence: Implications for Developing Competencies in Teacher Training.....	945
A. Mouta, A. Ramos, I. Nascimento College Students' Dissatisfaction: A Vocational Guidance Psychological Intervention.....	953
Linda Ann Kolandai, Mala-Maung Features of a Blended-Learning Environment Facilitating Reflective Practice in a Postregistration Nursing Degree Programme.....	957
Susan Lee, Perryhan Moustafa, Patricia Reynolds Call for Papers! First-year Students Create an Academic Conference.....	961
Rui C. Marques, Ana O. Brochado Managerial Implications of HedPERF Results	964
Anne Lessard, Sylvine Schmidt Classroom Management: An Analytical Framework.....	967
Iris Lopes, Efigénio da Luz Rebelo Choosing Degrees in the University of the Algarve, School of Economics	969
Joy Lam Lai-ki Small-Group Teaching for Engineering Undergraduates on Mathematics Courses: Qualitative Analysis	981
Undurthy Lakshmi Narayana Continuous Assessment Scheme to Develop Personal and Social Qualities	988

Rainer Baumann	
Activation of Students in Lectures	997
S.I. Chiu, D.H. Huang, H.Y. Hu	
A Study on Information Literacy and the Digital Gap in Adolescents in Taiwan	1001
Gultekin Cakmakci	
Preparing Teachers as Researchers: Science Student Teachers' Views on Educational Research	1013
AUTHOR'S INDEX	1015