

International Conference

Florianópolis/Brazil

■ Interactive Computer Aided Blended Learning



<http://www.icbl-conference.org>

1. Introduction

The first edition of the ICBL Conference – Interactive Computer Aided Blended Learning became an important international venue for e-learning with the organization of CEFET/SC and since then a part of a list of venues organized by the IAOE – International Association of Online Engineering. The other venues are:

- ✓ ICL – Interactive Computer aided Learning (<http://www.icl-conference.org>)
Villach – Áustria;
- ✓ ICML – Interactive Mobile & Computer aided Learning (<http://www.imcl-conference.org/>)
Aman – Jordan
- ✓ REV – Remote Engineering and Virtual Instrumentation (<http://www.eu-lab.net/rev/>),
Düsseldorf – Germany

The objective of this venue in Latin America was part of a spreading process for education discussions around the world, allowing professors and researchers from specific regions share your work internationally with a minimum travel effort. The main objective of this venue was discuss, share and develop subjects related to education techniques blended with technology.

To achieve this objective, we counted with more than 160 submissions being selected 65% to be presented as full paper, short paper sessions, round table, demonstrations and workshops. The number of attendees reached 190 persons from more than 30 different countries, representing an excellent diversity of ideas, cultures and knowledge. During three days, we had together some of the best researchers in the world in just one place, with an unique objective: education improvement.

2. Topics and Schedule

- a. Collecting experiences and needs of Education Institutions in e-Learning
 - i. Advanced strategies and conceptions
 - ii. Best praxis
 - iii. Advanced methods
 - iv. Regional differences
- b. Organizational frameworks for e-Learning
 - i. New learning models and applications
 - ii. Embedded learning and learning on demand
 - iii. Knowledge management and learning
 - iv. Quality assurance, sustainability
 - v. Cost-effectiveness
- c. E-learning methods, methodologies, tools
 - i. WBL, CBL, CALL
 - ii. Environments and tools for e-learning / m-learning / life long learning
 - iii. Networks/Grids for learning
 - iv. Adaptive learning environments
 - v. Tools for interactive learning and teaching
 - vi. Methods of content adaptation
- d. Pedagogical and psychological issues
 - i. Blended Learning
 - ii. Collaborative learning
 - iii. Evaluation and outcomes assessment
 - iv. Wiki, Weblogs etc.
- e. Technical and theoretical issues
 - i. Learning Objects and Reusability
 - ii. Platforms and authoring tools
 - iii. Applications of the Semantic Web
 - iv. Standards and style-guides
 - v. Multimedia applications and virtual reality
- f. Remote and virtual laboratories
- g. Real world experiences
- h. Pilot projects / Products / Applications

Monday, May 7th

08:30 onwards	<p>Registration</p> 
09:00 - 13:00	<p>Pre-conference Workshops/Demonstrations</p> <p>WS 1: Patricia Alejandra Behar, Liliana Passerino and Mara Carneiro, UFRGS, Brazil: Workshop de Modelos Pedagógicos para Ambientes Virtuais de Aprendizagem (AVAs)</p> <p>WS 2: Araci Hack Catapan, Elena Maria Mallmann, Dóris Roncarelli, Ingrid Kleist Clark Nunes and João Eduardo Di Pietro Filho, UFSC: MOODLE (Modular Object Oriented Dynamic Learning Environment)</p> <p>WS 3: Vassil Alexandrov and Nia Alexandrov Collaborative Technologies for Collaborative Learning</p> <p>WS 4: Margareta Hellström, Christer Johannesson and Göran Karlsson: NetPhysics: An online bridging course in physics - from idea to established course</p> <p>Demo : Gustavo Alves, Joaquim Ros etc. ISEP Porto-Portugal, UPC Terassa-Espanha: WebLab in Education - Demonstration of the Results of the Alpha Projects LEAL and RexNet</p> 
08:30 - 08:50	<p>Opening IEEE Student Track Session Chair: Marcelo Castro Opening Speech: Andreas Pester, IEEE EdSoc Austria</p>

	
IEEE Student Track 08:50 - 10:30	<p>Alice T. Cybis Pereira and Natal Chicca Junior: <u>The use of virtual reality in signaling projects</u></p> <p>Danilo Garbi Zutin, Michael E. Auer and Juan Antonio Ortega: <u>Hybrid Online Labs</u></p> <p>Bruno Pannerai Velloso and Alice T. Cybis Pereira: <u>Videos, a priority element in a LCMS for deaf users</u></p> <p>Patricia Alejandra Behar, Caroline Bohrer do Amaral, Silvia Meirelles and Daisy Schneider: <u>Um Ambiente Virtual de Aprendizagem para crianças: PLANETA ROODA</u></p> <p>Alice Theresinha Cybis Pereira and Monica Renneberg da Silva: <u>The site design process for deaf public to access an on-line course</u></p>
10:30 -11:00	<p>Coffee break</p> 
IEEE Student Track 11:00 - 13:00	<p>Cristina Klipp de Oliveira and Silvana Denise Guimarães: <u>O desenvolvimento de atividades colaborativas em ambientes virtuais de aprendizagem</u></p> <p>Andressa Pacheco, Helen Günther, Juliana Vital, Marcos Dalmau, Alexandre Marino and Gilberto Moritz: <u>A qualidade no curso de administração a distância da UFSC sob a ótica dos estudantes</u></p> <p>Maira Penteado: <u>Comunicação na Educação a Distância: contribuições para Aprendizagem Interativa em Comunidades Virtuais</u></p> <p>Dafne Arbex and Dênia Falcão de Bittencourt: <u>Estratégias para o desenvolvimento de um ambiente virtual de aprendizagem: um estudo de caso realizado na UNISUL virtual.</u></p> <p>Marta Cristina Goulart Braga, Alice T. Cybis Pereira and Ronnie Fagundes de Britor:</p>

	<p><u>Virtual Nucleus for Collaborative Studies about Education through Design</u></p> <p>Ingrid Kleist Clark Nunes, Elena Maria Mallmann, Araci Hack Catapan and Dóris Roncarelli: <u>The meaningful potentiality of the Teaching-Learning Objects (T-LO) elaborated with the interactive tools: Lesson (Moodle module) and Articulate Presenter (authoring tool)</u></p>
14:00 – 14:30	<p>Opening of the Conference</p> 
14:30 - 16:00	<p>Keynote 1: Paulo Roberto Wollinger, Ministry of Education, Brazil: "The e-learning as an alternative for the improvement of Vocational Education in Brazil"</p> 
16:00 - 16:30	<p>Coffee break</p> 

IEEE Student Track 16:30 - 18:10	Deleuse Russi de Azevedo and Denia Falcão de Bittencourt: <u>O Design instrucional e as mídias para educação a distância</u> El-Sayed M. I-Alfy and Syed Shomaail Jafri: <u>A Recurrent Neural Network for Sequential Estimation of Examinees' Knowledge State</u> Roosevelt Silva and Sofiane Labidi: <u>Representation and Content Aggregation in Learning Object Semantic Web-Based Repository</u> Leticia Roland: <u>Web-based language courses: increasing interaction and collaboration in learning on-demand models</u> Vanessa de Andrade and Dênia Falcão de Bittencourt: <u>Caminhos percorridos - Núcleo da Acessibilidade da UnisulVirtual</u>
	Parallel Sessions
Session 1 A	Knowledge management and learning (English) Session Chair: Vassil Alexandrov
16:30 - 18:30 Full Papers	Sven Ake Bjoerke and Bodil Ask , ONU/Global Virtual University, Norway: <u>Creative E-education across continents</u> Antonio Amorim, Rodrigo Arnaut, Sérgio Kofuji and Anna Costa, POLI/USP, Brazil: <u>Virtual Reality: Stereoscopic Imaging for Educational Institutions</u> Katsuaki Suzuki and John Keller, Kumamoto University, Japan: <u>Proposing a Layer Model for e-Learning Design</u> Robert Pucher, Fritz Schmöllebeck and Alexander Hofmann, University of Applied Sciences Technikum Wien, Austria: <u>Teaching in Project Based Learning Environments and the Role of Intrinsic vs. Extrinsic Motivation</u>
Session 1 B	Quality assurance and learning (English) Session Chair: Paul Lefrere
16:30 - 18:30 Full Papers	Tarek Sobh and Elif Kongar, University of Bridgeport, US: <u>Online Customization and Enrollment Application Network (OCEAN)</u> Magnus Ross and Mary Welsh, University of Strathclyde, UK: <u>Formative Feedback to Improve Learning on a Teacher Education Degree using a Personal Learning Environment</u> JV Dempsey and BC Litchfield, University of South Alabama, US: <u>Directness of measurement and the direct design of eLearning</u> Nancye McCrary and Joan Mazur, University of Kentucky, US: <u>Using Narrative Simulation to Promote Dialogic Reflection in an Innovative Multiple Outcome Design for Training Teacher Mentors</u>
Session 1 C	Special session: WebLabs in education Session Chair: Gustavo Alves

16:30 - 19:00 Full Papers	<p>Juarez Bento da Silva, Benedito René Fischer, João Bosco da Mota Alves, UNISUL, UNESP, UFSC, Brazil: <u>Experimentação Remota em Santa Catarina</u></p> <p>Javeir Garcia-Zubia, Diego Lopez-de-Ipiña, Pablo Orduña, Unai Hernandez and Ivan Trueba , University of Deusto, Spain: <u>WEBLAB-DEUSTO</u></p> <p>Frederico Menine Schaf and Carlos Eduardo Pereira, UFRGS, Brazil: <u>Automation and Control Learning Environment with Mixed Reality Remote Experiments Architecture</u></p> <p>Michael E. Auer and Andreas Pester, CTI, Austria: <u>Standard Tool Sets for Online Laboratories</u></p> <p>Enrique Sucar, Julieta Noguez, Gilberto Huesca and Eric Rodríguez, INAOE, Mexico: <u>A semi-open learning environment for mobile robotics</u></p> <p>Joaquin Ros Florenza, UPC Terassa, Spain: <u>Communication Module LANCELAN</u></p>
20:00	<p>Speakers' Reception</p> 

Tuesday, May 8th

08:30 onwards	Registration
9:00 - 10:30	<p>Keynote 2: Paul Lefrere, Open University UK: "Generations of Blended Learning: 1.0, 2.0 and 3.0"</p> 
10:30 - 11:00	Coffee break
Session 2 A	Learning, Knowledge management and evaluation (Portuguese)

	Session Chair: Jorge L. S. Hermenegildo
11:00 - 13:00 Full Papers	<p>Marco A N Koslosky and Fernando A O Gauthier, CEFET-SC, Brazil: e-Escola: Um modelo de comunidade virtual de aprendizagem</p> <p>Márcia Loch, UNISUL, Brazil: Do quadro de giz à tela do computador: a experiência da utilização do Espaço UnisulVirtual de Aprendizagem em cursos superiores presenciais</p> <p>Angelita Flores and Enzo Moreira, UNISUL, Brazil: A Tutoria na Educação a Distância Mediada por Computador: estratégias de capacitação para professores</p> <p>Viviane Bastos, Viviani Poyer and Alex Sandro Xavier, UNISUL, Brazil : Capacitação corporativa Online: um relato de experiência realizada na UnisulVirtual</p> 
Session 2 B	<p>Learning models and learning objects (English)</p> <p>Session Chair: Tarek Sobh</p>
11:00 - 13:00 Full Papers	<p>John M. Keller, Florida State University, US: Integrating motivational design into technology-assisted learning systems: Examples and empirical support</p> <p>Sabina Jeschke, Peter Göhner, Olivier Pfeiffer, Nicole Natho, TU Berlin, Germany: Beyond the "Multiple Choice Culture": Realizing Hybrid Examinations with Tablet-PCs</p> <p>Ekaterina Prasolova-Forland and Theodor Wyeld, Norwegian University of Science and Technology, Norway: Place metaphors in educational 3D CVEs: a Case Study of the Virtual Stage, from the Students' Perspective</p> <p>Sabine Moebs and Stephan Weibelzahl, National College of Ireland: A Ranking-Type Delphi to explore Blended Learning in SMEs</p>
Session 2 C	<p>Blended learning and Learning Grids (English)</p> <p>Session Chair: Andreas Pester</p>
11:00 - 13:00 Full Papers	<p>Cornel Samoilă, Doru Ursutiu, Brasov University, Romania: A joint master program in remote engineering as pilot project</p> <p>Julija Lapuh Bele and Jozef Rugelj, B2 d.o.o., Slovenia: Blended learning an opportunity to take the best of both worlds</p>

	<p>Biswanath Bandyopadhyay and Lynette Krenelka, University of North Dakota, US: <u>Effective Blended Learning for the Undergraduate Distance Engineering Degree Program</u></p> <p>Sofija Bogdanov, Dimitar Taskovski, Vlado Kitanovski and Zarko Cucej, University of Skopje, FYROM: <u>New web -based tools for DSP education</u></p>
Session 2 D	<p>Adaptive learning and e-learning strategies (English)</p> <p>Session Chair: John Stamper</p>
11:00 - 13:00 Full Papers	<p>Steffen Kernchen, Martin Kunz and Reiner Dumke Otto-von-Guericke-University Magdeburg, Germany: <u>Proactive Class Schedule</u></p> <p>Carina Bossu, Robyn Smyth and Sarah Stein, University of New England, Australia: <u>Academic Professional Development for Effective E-learning: A Possible Framework for Brazil</u></p> <p>Milan Houska and Martina Berankova, Czech University of Agriculture Prague, Czech Republik: <u>Individual Learning Based on Elementary Knowledge Concept: Experiments and Results</u></p> <p>Tatiana Lavrik, Vladimir Lyubchak and Nicolay Lugovoy, Sumy State University, Ukraine: <u>Peculiarities of distance education at Sumy State University</u></p>
13:00 - 14:00	<p>Lunch break</p> 
14:00 - 15:15	<p>Panel Discussions 1: Social web and e-learning - new challenges</p> <p>Tarek Sobh, Paul Lefrere, Mary Welsh, Golberi de Salvador Ferreira (Moderation)</p> 

	<p>Panel Discussion 2: WebLabs in Education João Bosco da Mota Alves, Gustavo Alves, Javier Garcia-Zubia, Joaquim Ros, Doru Ursutiu, Andreas Pester (Moderation)</p> 
15:15 - 15:30	Coffee break
Session 3 A	<p>Collaborative learning, Applications (Portuguese) Session Chair: Maria de Lourdes Feronha</p>
15:30 - 18:30 Full Papers	<p>Carmen Pandini, Flavia Matuzawa, Juliana Raffaghelli, Valentina Zangrando, Umberto Margiotta and Pedro Teixeira, UNISUL, Brazil: <u>Formação de Tutor on-line (TOL): implantação e desenvolvimento de curso online para formação de tutores de países da União Européia e América Latina</u> Janice Lopes and Elenira Vilela, UFSC: <u>O material didático como instrumento de mediação na EaD: conflitos e desafios para a formação de professores</u> Alcina Braz da Silva, Carmen Pandini, Flavia Matuzawa, Juliana Raffaghelli, Valentina Zangrando, Umberto Margiotta and Pedro Teixeira, UNISUL, Brazil: <u>Projeto ALFA-Miforcal: primeira etapa do programa interinstitucional de formação docente online</u> Renato Crivellari Creppe, Luiz Gonzaga Campos Porto, José Francisco Rodrigues and Carlos Augusto Garbim, UNESP-FEB, Brazil: <u>Desenvolvimento de laboratório virtual para ensino a distância de máquinas elétricas</u> Diva Marília Flemming and Elisa Flemming Luz, CEFET-SC, Brazil: <u>O uso das representações semióticas na educação a distância</u> A. Motta and G. Braviano, CEFET-SC, Brazil: <u>Aborgadem de cilindro, cone e esfera em um ambiente hipermídia para a aprendizagem da geometria</u></p>
Session 3 B	<p>Tools for interactive learning and teaching (English) Session Chair: Javier Garcia-Zubia</p>
15:30 - 17:30 Full Papers	<p>Gley Xavier and Romero Tori, SENAC, Brazil: <u>Virtual courses: tool for planning and management</u> A.M. Mutawa, Kuwait University, Kuwait: <u>Interactive Padded Tablet Chair</u> A. Strazds and Atis Kepenieks, Riga Technical University, Latvia: <u>Automated</u></p>

	<p><u>satisfaction measurement for e-learning target group identification</u> Zhao Zhang, Missouri Western State University, US: <u>Online education techniques: programming environments and software</u> Carol Clark and Christine Stevens, University of the West of England, UK: <u>A web-based library of activities to assist students identify learning needs</u></p>
Session 3 C	<p>New learning models - concepts and experience (English) Session Chair: Mario Lucio Roloff</p>
15:30 - 17:45 Full and Short Papers	Cornel Samoila, Doru Ursutiu and Bogdan Logofatu, Transylvania University of Brasov, Bucarest University, Romania: <u>MULTI-CHANNEL LEARNING, WILL MOVE BLENDED LEARNING IN COLLABORATIVE LEARNING? (Full)</u> Ludmila Dömeová and Milan Houska, Czech Agriculture University in Prague, Czech Republic, <u>Transfer of Innovations as a Knowledge Share (Full)</u> Maria Feronha, CEFET-SC, Brazil, <u>Blended Learning and Learning Agreements in Technological Undergraduate Courses: a case – a case study at CEFET/SC (Full)</u> M.A. Rentoia-Bonito, André Martins, Joaquim Jorge, IST/INESC-ID: <u>Web-Based Support for Cost-Effective Learning (Full)</u> Ronnie Fagundes de Brito and Alice T. Cybis Pereira, UFSC, Brazil, <u>Hyperbook - an online hypermedia development tool and SCORM wrapper (Short)</u>
Session 3 D	<p>Field reports and demonstrations Session Chair: Joaquim Ros</p>
15:30 - 17:30 Full, short papers and demonstrations	Martina Berankova and Ludmila Domeova, Czech University of Live Science Prague, Czech Republic, <u>Educational Projects in Czech Republic: Experiences and Regional Specifics (Full)</u> Luciane Maria Fadel and Victor Fernandes Jr , University of Reading, UK: <u>Enhancing interactivity using animation to alert students about incoming messages (Short)</u> Marcelo Magalhães Foohs and Carlos Alberto dos Santos, UFRGS, Brazil: <u>Nobel Prize: An Educational Game (Full+Demonstration)</u> Ayse Ozverir, Eastern Mediterranean University, Cyprus: <u>A Genre-Based Approach to designing online material for EAP students (demonstration)</u>
20:00	Conference Dinner



Wednesday, May 9th

08:30 onwards

Registration

09:00 - 10:30	<p>Keynote 3: Tarek M. Sobh, University of Bridgeport, USA: "Innovations and Recent Directions in Blended Learning: The Case for Interactive Research and Online Collaborative Engineering and Science Education"</p> 
10:30 - 11:00	Coffee break
Session 4 A	<p>Platforms and knowledge representation (English) Session Chair: Robert Pucher</p>
11:00 - 13:00 Full Papers	<p>John Stamper and Theodore Carmichael, University of North Carolina at Charlotte, US: <u>A Complex Adaptive System Approach to Predictive Data Insertion for Missing Student Data</u> Nuttanart Facundes, Pasavon Thepruangchai and Booncharoen Sirinaovakul, King Mongkut's University of Technology Thonburi, Thailand: <u>Knowledge Acquisition and Representation for a Tutoring System</u> S. Cikic, S. Jeschke, Nadine Ludwig, Olivier Pfeiffer, Nicole Natho and Uwe Sinha, TU Berlin, Germany: <u>Modularization and Integration of Virtual Experiments</u> Alice Theresinha Cybis Pereira, Rosely Zen Cerny, Milton Luiz Horn Vieira and Isabella Benfica Barbosa, UFSC. Brazil: <u>Designing a Virtual Teaching Learning Environment for the Brazilian Signal Language Licentiate (LetrasLIBRAS) distance course</u></p>
Session 4 B	<p>Advanced stragies and conceptions (Portuguese) Session Chair: Mauricio Gariba Jr.</p>
11:00 - 13:00 Full Papers	<p>Jucimara Roesler, UNISUL, Brazil: <u>Narrativa, Socialidade e Educação On-line</u> Dênia Falcão de Bittencourt, UnisulVirtual/UNISUL, Brazil: <u>A prática da Avaliação institucional na UnisulVirtual</u> Diva Marília Flemming, UNISUL, Brazil: <u>A importância do uso de software na educação matemática a distância</u> M. Real e Janice Lopes, UDESC/UFSC, Brazil: <u>Cultura científica e tecnológica, espetáculo e habitus na formação de professores a distância(?)</u></p>
Session 4 C	<p>Educational Software (English) Session Chair: Enrique Sucar</p>

11:00 - 13:00 Full Papers	<p>Ye Wang, Kurt Maly and C.M. Overstreet , Old Dominion University, US: <u>IRI-Easy: A Distance Education Software System</u></p> <p>Ivana Bosnic, Mario Zagar and Martin Zagar, University of Zagreb, Croatia: <u>Distributed multimedia learning with open SMIL indexing system</u></p> <p>Göran Karlsson, Christer Johannesson, Johan Thorbjörnson and Margareta Hellström, KTH, Sweden, <u>Net based examination: Small group tutoring, home assignments, and large group automatic and peer assessment</u></p> <p>Samir El-Seoud, Hosam El-Sofany, Fayed Ghaleb, Jihad AlJa'am, Ahmad Hasna and Sameh Daoud, PSUT, Jordan: <u>Extending the Concepts of Normalization in Relational Databases to the XML Databases</u></p>
Session 4 D	<p>Knowledge models and Learning Motivation (English)</p> <p>Session Chair: Simon Kocbek</p>
11:00 - 13:00 Full Papers	<p>Antonio Pereira Cândido and Isabella Gusmao, CEFET-SC, Brazil: <u>The application of knowledge models as didactic resources in virtual learning environment - VLE</u></p> <p>Leif Hokstad, Thorleif Hallen, Alex Strømme, Astrid Sølvberg and Marit Rismark, Norwegian University of Science and Technology, Norway: <u>Enhancing learners through mobile access</u></p> <p>S. Jeschke, N. Natho and M. Wilke, TU Berlin, Germany: <u>mArachna - Automatic Generation of Mathematical Ontologies from Natural Language Texts</u></p> <p>Jorge Hermenegildo, CEFET-SC, Brazil: <u>Resources and strategies for the education of entrepreneurs in technological institutions</u></p>
	 
13:00 - 14:00	Lunch break
Session 5 A	<p>Learning environments (English)</p> <p>Session Chair: Cornel Samoilă</p>
14:00 - 15:30 Short Papers	<p>Denise Heidrich, Cleci Werner da Rosa, Marcos Alfredo Salami, UFSC, UPF, PUC-PR: <u>Methodological proposal for approaching controversial topics in the classroom, using synchronous means: MSN, Skype and Yahoo Messenger</u></p> <p>Simon Kocbek, Peter Kokol and Dusanka Micetic-Turk, University of Maribor, Slovenia:</p>

	<p>METOD - MetaTool for Educational platform Design Krzysztof Pietroszek, Wilfrid Laurier University, Canada: <u>Providing language instructor with artificial intelligence assistant</u></p> <p>Anoma Malalasekera, Loughborough University, UK: <u>Developing an On-line Learning Environment Using Lotus Notes</u></p> <p>Everardo Reyes Garcia and Imad Saleh, University of Paris VIII, France: <u>Toward structured pedagogical documents for the Web</u></p> <p>Ildeniz Ozverir, Eastern Mediterranean University, Cyprus: <u>Web based support for EFL Students</u></p>
Session 5 B	<p>Interactive Learning, Learning stragies (Portuguese) Session Chair: Eliza Flemming Luz</p>
14:00 - 15:30 Short Papers	<p>Carlos Esperança, Conceição Martins, Luiz Azevedo and Mário Roloff , CEFET-SC, Brazil: <u>Motivação à criação de comunidades on-line, em ambientes virtuais voltados para a aprendizagem: o caso dos Cursos Superiores de Tecnologia do CEFET-SC</u></p> <p>Adriana Santos, UNISUL/UnisulVirtual, Brazil: <u>Acessibilidade na web: algumas adequações de como tornar acessível às pessoas cegas o espaço UnisulVirtual de Aprendizagem (EVA)</u></p> <p>Silvia Cristina Tavares Pereira, Universidade Católica de Petropolis, Brazil: <u>A Motivação como fator impulsionador de um segundo idioma</u></p> <p>F. Matuzawa, C. Pandini and Evandro Machado, Unisul, Brazil: <u>Vídeo digital na EaD: a integração do design instrucional e gráfico no desenvolvimento de uma metodologia para o modelo pedagógico da UnisulVirtual</u></p> <p>Paulo Roberto Schroeder de Souza, CEETEPS, Brazil: <u>Uma Análise em possíveis Casos de Diabetes Mellitus em Gestantes utilizando a Lógica Paraconsistente Anotada por Internet</u></p> <p>Denise Heidrich; Graciela Sardo Menezes; Juliet Kiyoko Sugai; Maria Santos Reis Bonorino Figueiredo; Regina Vasconcellos Antonio; Luiz Fernando Figueiredo, UFSC: <u>Software Educacional: Digestão e Absorção de Carboidratos</u></p>
Session 5 C	<p>Collaborative Learning (English) Session Chair: Ekaterina Prasolova-Forland</p>
14:00 - 15:30 Short Papers	<p>Valère Awouters and Katja Bongaerts, Katholieke Hogeschool Limburg, Belgium: <u>The WEB 2.0 and Social Software related to the quality-assurance role of E-portfolioists</u></p> <p>Youssef Ahmad Youssef, Neri dos Santos and Francisco Fialho, UNISUL, UFSC, Brazil: <u>COMO A GESTÃO DO CONHECIMENTO ESTRATÉGICO PODE CONTRIBUIR NA IMPLEMENTAÇÃO DO PLANEJAMENTO ESTRATÉGICO EM INSTITUIÇÃO COMUNITÁRIA DE ENSINO SUPERIOR</u></p> <p>Elaine Laflamme and Heather Kanuka, McHill University, Canada: <u>eLearning Myths and</u></p>

	<p><u>Realities</u></p> <p>Sabrina Vicari and Soraya A. Waltrick, Universidade Luterana do Brasil, Brazil: <u>Library services for distance learning: the role of university library</u></p> <p>Chengwen Yao and Shuling Liao, Yuan Ze University, Taiwan: <u>How the learners' emotion affect their behaviours: a study of Taiwan college students' internet anxiety and coping behaviours</u></p> <p>Derya Sabriler, Eastern Mediterranean University: <u>What are we teaching? What are they learning?</u></p>
Session 5 D	<p>E-learning Projects (Portuguese)</p> <p>Session Chair: Antônio Pereira Cândido,</p>
14:00 - 15:15 Short Papers	<p>Patricia Alejandra Behar and Silvia Ferreto da Silva Moresco, UFRGS, Brazil: <u>Trabalho com Projetos: um objeto de aprendizagem para a formação continuada de professores</u></p> <p>Alexandre Costa, Andressa Pacheco, Gilberto Moritz, Helen Günther, Juliana Vital and Marcos Dalmau, UFSC, Brazil: <u>A EDUCAÇÃO A DISTÂNCIA NO ENSINO SUPERIOR: O CASO DO PROJETO PILOTO DO CURSO DE ADMINISTRAÇÃO A DISTÂNCIA DA UNIVERSIDADE FEDERAL DE SANTA CATARINA</u></p> <p>Ana Paula Souza, M. Bernardi and Patricia Behar, UFRGS, Brazil: <u>Comunidades Virtuais De Aprendizagem: a experiência com um objeto de aprendizagem</u></p> <p>M. Gariba Junior and Caroline Medeiros, CEFET-SC, Brazil: <u>A implementação de um ambiente virtual de aprendizagem no curso de graduação tecnológica em Radiologia do CEFET-SC, na modalidade presencial</u></p> <p>José Francisco Bernardes, Irineu Manoel de Souza, Nery Kessler and Edis Mafra Lapolli: <u>Tendência de hardware e software para a educação</u></p>
	<u>Farewell Coffee</u>

3. Other photos



