2010 – Towards a Learning and Knowledge Society – 2030

ICVL 2012
INTERNATIONAL CONFERENCE ON VIRTUAL LEARNING

Virtual Learning – Virtual Reality

The 7th INTERNATIONAL CONFERENCE ON VIRTUAL LEARNING

TECHNICAL PROGRAM OF ICVL 2012

The Conference will be held in the **"Transilvania" University of BRAŞOV,**
Conference Center of "Transilvania" University Braşov,
41A Iuliu Maniu Street, BRASOV

First Floor - Conference Hall: U I 2

SCHEDULE

FRIDAY – November 2, 2012
14:00-18:30 Registration Desk (First Floor HALL)
14:30 - Conference opening: CNIV and ICVL 2012
19:00-21:00 Welcome Reception: ICVL & CNIV (Cocktail - dinner)

SATURDAY – November 3, 2011 (First Floor HALL **"U I 2"**)
8:30-9:00 a.m. - Registration Desk (First Floor HALL **"U I 2"**)
9:00- 11:30 - Conference opening and Plenary Session (**Workshop** and Section **M&M**)
11:30-12:00 and 15:30 – 16:00 Coffee Break
12:00-18:00 Plenary Session-Section **M&M, TECH**, **SOFT** and **Intel® Education**

PLENARY SESSION

SATURDAY 9.00 - 11.30 and 12-18 Plenary Session (First Floor HALL "U I 2")

Moderators: Dr. Grigore ALBEANU, Dr. Dorin Mircea POPOVICI, Dr. Olimpius ISTRATE

Workshop "Haptic Feedback Systems in Education"

NO	Paper and Authors	Page
1	Medical Simulation and Training: "Haptic" Liver **Felix G. Hamza-Lup, Adrian Seitan, Dorin M. Popovici, Crenguta M. Bogdan**	27
2	Haptics-Augmented Physics Simulation: Coriolis Effect **Felix G. Hamza-Lup, Benjamin Page**	34
3	CHRYSAOR: an Agent-Based Intelligent Tutoring System in Virtual Environment **Frédéric Le Corre, Caroline Fauvel, Charlotte Hoareau, Ronan Querrec and Cédric Buche**	39
4	Methodology for 3D reconstruction of objects for teaching virtual restoration **Silviu Butnariu, Florin Gîrbacia, Alex Orman**	46

Section Models & Methodologies

NO	Paper and Authors	Page
5	2012 The Alan Turing Year **Marin Vlada**	55
6	Generative Techniques for Building Virtual Objects **Grigore Albeanu**	62
7	On the Use of Educational Ontologies as Support Tools for Didactical Activities **Mihaela Oprea**	67
8	Effective Training for Policy Based Management of 3D Multi User Learning Environments **Indika Perera, Colin Allison, Alan Miller**	74
9	Tabu Search in Genetic Algorithm for Protein Folding Simulations in the 2D HP model **Alina-Gabriela Tunea**	81
10	Learning Through Projects in Virtual Environments Designed for Adult Training **Olimpius Istrate, Simona Velea**	88
11	Applying Interoperability in Serious Games Environments **Antoniu Ştefan, Ioana Andreea Stănescu, Ion Roceanu, Theo Lim**	93

12	E-learning strategies for VET teachers based on active cooperation with labour market operators **Giovanni Fulantelli, Davide Taibi, Valentina Dal Grande, Manuel Gentile, Mario Allegra**	**100**
13	From Course Management to Workflows **Eniko Elisabeta Tolea**	**107**
14	**Means of Data Introduction for Mobile Learning Applications** Alin Zamfiroiu	**112**
15	Web-Based Methods and Tools in Teaching Translation and Interpreting **Corina Silvia Micu, Raluca Sinu**	**118**
16	Using Serious Games in adult education Serious Business for Serious People-the MetaVals game case study **Maria Magdalena Popescu, Margarida Romero, Mireia Usart**	**125**
17	Metacognition In On-Line Foreign Language Learning **Ramona Henter, Ecaterina Maria Unianu**	**135**
18	Ontological Framework in in Integrated SOI (Structure of Intellect)-Touring Machine-Kant Knowledge System **Loyola y Blanco José A.**	**140**
19	Modeling a Virtual Learning Environment as States of a Touring Machine **Loyola y Blanco José A.**	**147**
20	An Inversion-based Genetic Algorithm for Grouping of students **M. Mahdi Barati Jozan , Fattaneh Taghiyareh , Hesham Faili**	**152**
21	Curriculum Evaluation of Machinery Training Department Süleyman Yaldiz, Ulvi Şeker, Nicoleta Alina Andreescu	**162**
22	Cloud Computing And High Education **Dineva S., Nedeva V.**	**171**
23	Evaluation of Certain Aspects of Electronic and Blended Learning (Teachers Opinion) **Ducheva Z., Dineva S., Pehlivanova1 M.**	**177**
24	Analyzing Factors That Made E-Learning Successful **Krastev Kr. Yorgova R. , Dineva S.**	**183**
25	Usage of Modern Technologies to Improve Web Based E-Learning Applications **Silviu Dumitrescu**	**190**
26	An overview of open, free and affordable textbooks **Elena Railean**	**195**
27	Methodology of Computer-Assisted Cooperative Learning Based on the Materials of the Multicultural Collaborative Programme “STEP into the Global Classroom” **Evgeniya Budenkova**	**202**
28	The 3D representation for learning used in the garment development **Aileni Raluca Maria**	**209**
29	ICT in the Romanian Compulsory Educational System. Expectations vs Reality **Oana Popa, Felicia Bucur**	**213**

30	Teachers' perception concerning their technology competencies **Mărgărițoiu Alina, Eftimie Simona Georgiana**	**220**
31	Collaborative E-learning Methodologies: an Experience of Active Knowledge in ICT Classrooms **Margarida M. Pinheiro, Dora Simões**	**226**
32	Free Access to Legal Resources on the Internet **Georgeta-Bianca Spîrchez**	**234**
33	The analysis of corporate social responsibility for the education of consumers **Laura Poțincu (Mureşan), Cristian-Romeo Poțincu**	**237**
34	The education of banking services consumers, a requirement of corporate social responsibility **Laura Poțincu (Mureşan), Cristian-Romeo Poțincu**	**244**

Section TECH

NO	Paper and Authors	Page
35	Identifying, Analysing and Testing of Software Requirements in Learning Management System **Sengupta Souvik, Dasgupta Ranjan**	**253**
36	On Using Augmented Reality Technologies to Improve the Interaction between Real and Virtual Spaces **Sorin Ionitescu**	**262**
37	COLLADA Based Interoperability Assurance for Virtual Reality Assets **Sorin Ionitescu**	**267**
38	An Overview of the Web-Based Communication Tools Used for Increasing the Web-Based Education Efficiency **Iuliana Dobre**	**273**
39	Web-Based Training Systems – Evaluation and Measurement of their Quality Component **Iuliana Dobre**	**280**
40	Administering Computer Networks Using Windows Management Instrumentation Technology **Constantin Lucian Aldea , Gheorghe-Cosmin Spîrchez**	**287**
41	Speech Recognition Neural Methods in E-learning Environments **Daniela Şchiopu**	**293**
42	Research on size fasteners of wooden structures for construction with programming software Heco Schrauben **Gheorghe-Cosmin Spîrchez, Loredana Anne-Marie Bădescu, Costel Aldea, Sergiu Răcăşan**	**299**
43	Using virtual reality to teach history **Calin Neamtu, Radu Comes, Razvan Mateescu, Rares Ghinea, Filip Daniel**	**303**
44	Distance Learning for GIS in Serbia **Lecic Dusanka**	**311**

45	New learning innovations with Web 4.0 **Veselina Nedeva, Snejana Dineva**	316
46	Effective Resources Use for Virtual Laboratories through Cloud Computing ans Services **Veselina Nedeva, Zlatin Zlatev, Svetoslav Atanasov**	322
47	Distance counselling needs. Study case – south zone, Romania **Eftimie Simona Georgiana, Mărgărițoiu Alina**	329
48	Tempus Project «Creating Digital Network Universities in Applied Science Themes and Economics in Moldova (CRUNT)» **Petru Todos, Nicolae Secrieru, Stela Guvir**	333
49	E-learning for information systems for human resource management business systems **Lecic Dusanka**	339
50	New Technologies and Requirements for Marketing Education in the Era of Internet of Things (Iot): The Need for University-Industry Linkages in Romania **Alexis Daj**	345

Section SOFT

NO	Paper and Authors	Page
51	The Module of Practical Session Tests in the Easy-Learning Platform **Radu Rădescu**	353
52	The New Mail and Newsletter Modules in the Easy-Learning Platform Radu Rădescu, Valentin Pupezescu	360
53	Modeling and simulation the incompressible flow through pipelines – 3D solution for the Navier-Stokes equations **Daniela Tudorica**	367
54	Software for Plagiarism Detection in Computer Source Code **Daniela Marinescu, Alexandra Băicoianu, Sebastian Dimitriu**	373
55	New Augmented Reality System Introduced in the Educational Context **Simona Maria Banu**	380
56	Algorithm for Dynamic Partitioning and Reallocation of Fragments in a Distributed Database **Nicoleta Magdalena Ciobanu (Iacob)**	387
57	Reasons for studying Haskell in University **Anca Vasilescu, Florin-Robert Drobotă**	394
58	Enhancing LATEX for typesetting in the Romanian traditional style **Petru-Ioan Becheru**	401
59	The textile product design evaluation **Aileni Raluca Maria**	410
60	Remote Access to an Advanced Telecommunications Platform for Educational Purpose **F. Sandu, A. N. Balica, D. N. Robu, S. R.Svab**	413

Section Intel® Education

NO	Paper and Authors	Page
61	TOL4FOOD- Transfer of knowledge and training for European traditional food producers related to innovative quality control methodologies **Mihaela Coman, Monica Florea**	423
62	DECIDE-IT Project **Mihaela Coman, Monica Florea**	429
63	Model of Kazakhstan e-learning System **Gul K. Nurgalieva**	433
64	School Projects and Virtual Labs Using Virtual Environments – Ways of Enhancing the Students' Creativity **Ioana Stoica**	441
65	The Use of Multimedia Technologies in Approaching the Physical Phenomena from Interdisciplinary Perspectives **Maria Dinica, Luminita Dinescu, Cristina Miron**	447
66	Enhancing English Language Writing and Speaking through Digital Storytelling **Anisoara Pop**	453
67	A Case Study of Content-based Wiki project in Teaching Business English **Anisoara Pop**	459