

**2010 – Towards a Learning and Knowledge Society – 2030**



**Virtual Learning – Virtual Reality**

## **The 13<sup>th</sup> INTERNATIONAL CONFERENCE ON VIRTUAL LEARNING**



### **TECHNICAL PROGRAM OF ICVL 2018**

The Conference will be held in the “1 December 1918” University of Alba Iulia,  
Faculty of Exact and Engineering Sciences - Department of Engineering,  
No. 15-17 Unirii Street, 1<sup>st</sup> Ground Floor, ALBA IULIA

**1st Ground Floor - Conference Hall: "Small Auditorium"-Body C**

#### **SCHEDULE**

##### **FRIDAY – October 26, 2018**

14:00 - 14:30 - Registration Desk (Ground Floor)

14:30 - 15:45 - **Conference opening: ICVL and CNIV 2018: Amf. "A9" –Body C, Ground Floor**

16:00 - 18:00 – Plenary Session – Section of CNIV

18:30 - 20:30 **Cocktail and Social program (CNIV&ICVL)**

##### **SATURDAY – October 27, 2018 (1st Floor HALL “Small Auditorium”-Body C)**

9:00 - 10:45 – Plenary Session - Section **M&M**

10:45 - 11:30 - Plenary Session - Section **M&M**

11:30 - 12:00 and 15:30 – 16:00 Coffee Break

12:00 - 17:00 Plenary Session - Section **M&M, TECH, SOFT** and Intel® Education

## PLENARY SESSION

**SATURDAY 09.00 - 11.30 and 12.00-17.00 Plenary Session (1st Floor HALL “Small Auditorium”-Body C)**

Moderators: Dr. **Grigore Albeanu**, Dr. **Adrian Adăscăliței**, Dr. **Olimpius Istrate**

### Section Models & Methodologies

NO	Paper and Authors	Page
1	Grigore C. Moisil, Computer Pioneer Award and the founder of Romanian Computer Science/Informatics  <b>Marin Vlada</b>	
2	Digital Encyclopedia “Romania 1918. People, moments and images”  <b>Radu Jugureanu, Magda Stan, Daniela Mironov Bănuță, Bogdan Gornea</b>	
3	Ozias Adler (1928-2001), The Romanian Digital Printing Pioneer  <b>Alexandru Adler, Radu Jugureanu</b>	
4	An OWL Prototype Educational Ontology for Functional Programming  <b>Mihaela Oprea</b>	
5	A Model for Teaching University Courses by Integrating Modern Technologies and its Application to the Artificial Intelligence Course  <b>Mihaela Oprea, Silviu Teodor Groza, George Bogdan Bucur</b>	
6	Blended Learning Methodologies and e-Pedagogical Approaches Used in an Electrical and Computer Engineering Education Program Leading to International Accreditation  <b>Ashraf Salah El-Din Zein El-Din, Adrian Adăscăliței, Marinel Temneanu, Sebastian Arădoaei</b>	
7	Blended Learning Approach Applied to Electrical Engineering Courses  <b>Arădoaei Sebastian Teodor, Adăscăliței Adrian</b>	
8	Teacher’s feedback using Moodle and blend learning  <b>Dineva Snejana</b>	
9	Importance of the Positive Atmosphere in the Blended Learning for Active Learning of the Students  <b>Ducheva Zlatoeli, Pehlivanova Margarita</b>	
10	Understanding and Supporting student’s collaboration and communication in blended learning  <b>Nedeva Veselina, Dineva Snejana</b>	
11	Improving the quality of study assessment  <b>Dineva Snejana, Nedeva Veselina, Zlatoeli Ducheva</b>	
12	Differentiated success rate in e-testing of students of pedagogical specialties  <b>Ivanka Nikolaeva Shivacheva-Pineda</b>	
13	Education influence of artistic elements and principles on the street network  <b>Vaska Sandeva, Katerina Despot, Zlatin Zlatev</b>	
14	Application of optical device in methodology for teaching analysis of essential oils	

	<b>Zlatin Zlatev, Stanka Baycheva</b>	
15	How student collaboration influence on student success	
	<b>Nedeva Veselina, Dineva Snejana</b>	
16	Educational Situation as a Tool for Communication Activity Motivation in the Virtual Learning Environment	
	<b>Iryna Vereitina, Yurii Baidak, Oksana Popel</b>	
17	Advantages, Disadvantages and Limitations of Using Google Forms for Online Tests (A Case Study of a Russian University)	
	<b>Natalia Sazonova, Svetlana Ivanova, Anastasia Lavrova</b>	
18	Distance education as a condition of elderly's social activity	
	<b>Olga Volkova, Polina Ananchenkova, Oksana Besschetnova</b>	
19	Using of distance learning technologies in the educational process of orphans and children left without parental care	
	<b>Olga Volkova, Polina Ananchenkova, Oksana Besschetnova</b>	
20	Lucr-58 Distance learning technologies as a tool in managing corporate knowledge system	
	<b>Polina Ananchenkova</b>	
21	The motives of a choice of e-learning system of training by students of college and higher education institution	
	<b>Polina Ananchenkova, Dilbar Amonova</b>	
22	Features of distance learning of personnel in the sphere of philanthropy and social entrepreneurship	
	<b>Petrova Mariya, Petrova Alla</b>	
23	Distance learning for social service: case-study of the Department of Church charity and social service of the Russian Orthodox Church	
	<b>Petrova Alla</b>	
24	Using the method of case-study in distance learning system at training young entrepreneurs	
	<b>Martirosyan Oksana</b>	
25	Social Network Analysis in E-Education	
	<b>Branka Lasković, Zorica Bogdanović, Tamara Naumović, Marijana Despotović-Zrakić, Božidar Radenković</b>	
26	Nowadays education and long-life learning	
	<b>Dineva Snejana</b>	
27	Creating online evaluation system using new technologies	
	<b>Doru Anastasiu Popescu, Camelia Ioana Toma</b>	
28	Learning model using predefined blocks	
	<b>Doru Anastasiu Popescu, Ovidiu Domșa</b>	
29	Characteristics of the Items Administered in the National Evaluation Science Testing 6th grade	
	<b>Gabriela Deliu, Cristina Miron, Cristian Opariuc-Dan</b>	
30	Exploratory Analysis of the Equivalence of Tests, applied to National Evaluation Tests - Mathematics and Natural Sciences - 6th grade	
	<b>Gabriela Deliu, Cristina Miron, Cristian Opariuc-Dan</b>	
31	The internet - Information resources for students in the study of children's literature	
	<b>Oana Stoican, Cornelia Ștefănescu, Valeriu Ștefănescu</b>	
32	Educational software - Learning resource for pupils in primary education	

	Cornelia Ștefănescu, Oana Stoican, Valeriu Ștefănescu	
33	Online Learning Readiness Level of High School Teachers <b>Ersun İscioglu</b>	
34	Impact of Online Learning on the Environmental Awareness: An Opinions of Secondary School Teachers <b>Ersun İscioglu, Deniz İscioglu</b>	
35	Perceived intensity and causes of criticism within romantic relationships. Findings from a Romanian sample <b>Andreea Ursu</b>	
36	A Comparative Approach to the Impact of 2D Animations and 3D Computer Animated Movies in Students' Cognitive Process of Comprehension <b>Stanca-Maria Iurean</b>	
37	A curriculum of all the talents-problem solving case <b>Tripon Cristina</b>	
38	Aspirations for tomorrows-education plan for active citizens <b>Cristina Tripon</b>	
39	Usefulness of Web Sources in Geography Bibliographical Research and Learning <b>Oana-Ramona Ilovan, Sorin-Alin Kosinszki, Maria Eliza Dulamă, Marian Marin</b>	
40	Visual Materials from Web Sources in Studying Regional Geography Topics <b>Ioana Cristina Magdaș, Oana-Ramona Ilovan, Maria Eliza Dulamă, Cosmina-Daniela Ursu</b>	
41	Can microlearning be an alternative in training for textile industry staff? <b>Liliana Buhu, Adrian Buhu</b>	
42	Virtual solutions for industrial automation education <b>Robert Beloiu</b>	

## Section Technologies and Virtual Laboratory

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44	Light Intensity Control Using Arduino and LabVIEW <b>Mihai Bogdan</b>	
45	Monitoring and Alarming the Level of Liquid in a Tank <b>Mihai Bogdan</b>	
46	Gas Detector Using Arduino and LabVIEW <b>Mihai Bogdan</b>	
47	ECOKT Pilot project – Open Knowledge Technologies: Mapping and validating knowledge Octavian-Marius Preda, Mihaela Garabet, Dorothea Caraman	
48	BEACONING Project <b>Octavian-Marius Preda, Mihaela Garabet, Dorothea Caraman</b>	
49	Could we objectively evaluate the process of teaching? A critical overview about teaching, e-teaching and distance teaching	

	<b>Andreea C. Buzduga, Petru-Adrian Istrimschi, Ovidiu Stofor</b>	
50	Distance learning in support of social entrepreneurship: the Russian experience (case-study) Petrova Mariya	
51	Virtual Image Processing E-Learning System Re-architecture on Cloud Platform Service <b>Eugen Zaharescu, Atena Georgeta Zaharescu</b>	
52	E-training tutorial for the enhancement of the clothing designer technical skills <b>Avădanei Manuela- Lacramioara, Loghin Emil- Constantin, Ionescu Irina, Ionesi Savin-Dorin, Dulgheriu Ionut</b>	
53	A simple physics experiment with unexpected results revealed by using the of augmented reality tool and methods <b>Sorin Trocaru, István Bartos-Elekes</b>	
54	Blockchain and its Potential in Education <b>Cristina Turcu, Cornel Turcu</b>	
55	COVEO – an e-learning tool for the induction and continuous training of IT employees <b>Sorina Chircu</b>	
56	Study of a Learning Method based on Energy Optimization of Electromechanical System <b>Mariana Iorgulescu</b>	

## Section Software Solution

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58	E-learning application for studying video conversion and video editing <b>Radu Rădescu, Mihail-Cristian Stancana</b>	
59	Experimental Elearning Application for Distributed Data Mining Systems <b>Pupezescu Valentin, Dragomir Marilena-Cătălina</b>	
60	E-Learning Improvement Using Computer Vision <b>George Suciu, Muneeb Anwar, Cristian Vasilescu, Hussain Ijaz</b>	
61	Digital, e-Learning models of learners and teacher based on text and image analysis in Artificial Intelligence <b>Cristian Vasilescu, Cristian Mocanu</b>	
62	SoMeDi: Successful Internship Programs Matching Job Offers with Candidates Skills <b>George Suciu, Adrian Pasat, Ioana Rogojanu</b>	
63	Video tutorials' scenarization: development and implementation for educational purposes <b>Natalia Burlacu</b>	
64	Creating Multiple Courses in “Google Classroom” using Google’s Sheets and Apps Script <b>Miroslav Karabaliev, Boyana Paarvanova, Bilyana Tachev</b>	
65	Solutions For Designing Software Modules Used By Android Devices In Inventory Management <b>Liviu Șerbănescu</b>	
66	Design an assisted editing software module based on DBMS server side programming <b>Liviu Șerbănescu</b>	

## Section Intel® Education

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68	E-learning in the Russian internet: an overview of major platforms and resources <b>Elena Aksenova</b>	
69	E-learning: will distance education replace traditional one? <b>Elena Aksenova, Dilbar Amonova</b>	
70	E-learning as a tool for regional educational space virtualization <b>Tonkonog Victoriya, Polina Ananchenkova</b>	
71	Comparative analysis of satisfaction with distance learning among students of different specialization <b>Tonkonog Victoriya, Polina Ananchenkova</b>	
72	The concept of system of remote training of specialists in the field of advertising and public relations in the conditions of formation of uniform educational space <b>Moreeva Elena</b>	
73	Some aspects of using distance technologies during vocational training of unemployed citizens <b>Kuznetsov Mikhail, Dilbar Amonova</b>	
74	Virtual Learning Spaces With Go-Lab <b>Ristea Lidia</b>	
75	Didactic Excel tool for the study of elastic hysteresis <b>Ionel Grigore, Daniela Stoica, Mihai Popescu</b>	
76	Shaping Online Identity and future work identity <b>Magdalena Velciu</b>	
77	The aptitude for school education from different perspectives <b>Flavia Mălureanu, Luiza Enachi-Vasluianu</b>	
78	A study on disruptive communicative behaviour in school <b>Luiza Enachi-Vasluianu, Flavia Mălureanu</b>	
79	Developing ICT's skills for women practicing a hobby <b>Magdalena Velciu, Grecu Liliana</b>	
80	Examination of Adolescents' Media and Technology Usages based on Various Demographics <b>Yalın Kılıç Türe, Özlem Dokumac</b>	
81	The Effect of XBOX Kinect in a Classroom Motivation <b>Yalın Kılıç Türel, Muhammad Muhammad Inuwa</b>	

## **Notes**



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