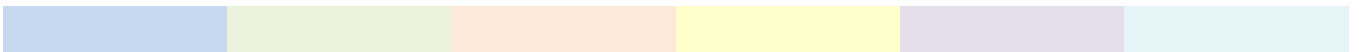


15th

INTERNATIONAL SCIENTIFIC CONFERENCE
eLearning and Software for Education
Bucharest, April 11-12, 2019

 **eLSE 2019**

Schedule of Presentations



12.00:13.50 Thursday, April 11, 2019

ROOM 3.1, 3rd floor

Trends and Challenges of eEducation and eTraining for the Crisis Management and Security and Defence Domains

Chairperson **ILIAS KATSAGOUNOS**

Gigi ROMAN, Digital Badges at NATO School Oberammergau

Enrico SPINELLO, A Full Spectrum Lifelong e-Learning Project for the Army

Daniel ROMAN, Considerations for Specialist Training in the Field of Critical Infrastructures Protection

Stefan-Antonio DAN-SUTEU, Future Studies, Forecast and Foresight - Critical Considerations and Relevant Findings

Julia NEVMERZHITSKAYA, High Impact Cybersecurity Capacity Building

Ioana BOGHIAN, Models and Theories of Unethical Use of Information Technology in Higher Education

Ella Magdalena CIUPERCA, Social Variables of Cyber Security Educational Programmes

Petrisor PATRASCU, Promoting Cybersecurity Culture through Education

Jan-Alexandru VADUVA, ADREM: System Call Based Intrusion Detection Framework

Ileana Ruxandra BRADAU (BADEA), E-Learning Tools for IT Project Teams

ROOM 3.2, 3rd floor

Pedagogy and Psychology in New Learning Environments

Chairperson **COSMINA MIRONOV / ANCA POPOVICI**

Marina MARCHISIO, The Role of an Advanced Computing Environment in Teaching and Learning Mathematics through Problem Posing and Solving

Adrian ADASCALITEI, Implement Online Laboratories in Electrical and Computer Engineering Education using Virtual Learning Environments

Lukasz TOMCZYK, Digital Literacy in the Area of e-Safety among Teachers (Second Stage of the Primary School) in Poland

Sergey KRESTOV, Numerals in Model of Human Knowledge Representation

Olga VOLKOVA, Distance Learning Technologies with Mentally Disabled People

Cristina Mihaela NISTOR, Students' Strategies for Studying Romanian in E-Learning Times

Maria CANTER, Enhancing Self-Regulation Skills in E-Learning Environments

CRISTIAN BUCUR, Student Perception and Learning in On-line Learning Platforms

Ionut - Claudiu POPA, Perspectives about New Learning Environments: eLearning Technologies

12.00:13.50

Thursday, April 11, 2019

ROOM 4.1, 4th floor

Technological Innovations and Software for Education

Chairperson **ANCA MORAR**

Alin Adrian ALECU, A Novel Free Cloud Service for Machine Learning and Beyond

Mihail PASCU, A Very Practical Approach for System Engineering Curriculum

Luiza-Maria TURLACU (LAZAR), Strategic Technologies: Innovation in Higher Education in Romania

Mustapha Sumaila SANI, Development and Validation of a Multimedia Instructional Package for Teaching Basic Electronic Devices at Upper Basic Education Level

Anata Flavia IONESCU, AdABI: an Adaptive Assessment System Based on Bayesian Inference

Valentin MURARU, Study Platform for Complex Data Analysis of Telecommunications and Social Network Applications Using Business Intelligence

Silviu IVASCU, Virtual Interaction for Visually Impaired and Sighted People

Alexander YERMAKOV, A System for Modelling and Visualizing Processor State During Code Execution

Cristina Gena DASCALU, New technologies in medical education: The Potential of Video Resources - YouTube Channeling

ROOM 4.3, 4th floor

Workshop on eLearning and Software for Education in Textiles

Chairperson **MIRELA BLAGA**

Mirela BLAGA, Interactive Shape Sizer Library for Fully Fashion Knitwear Training

Neculai-Eugen SEGHEDEIN, Informatics System for Workpiece Clamping Scheme Generation in Machining Fixtures

Adrian BUHU, The Applications of Microlearning in Higher Education in Textiles

Daniela FARIMA, Software Application for the Functional Thermo - Design of the Clothing

Ion-Razvan RADULESCU, Logical and Sequential e-Learning Content for Supporting Specialists in Textile Enterprises

Magdalena Simona FOGORASI, Teaching and e-Learning about Cotton Ring Spinning Frame

Mihaela COJAN, Hierarchic Principal Component Analysis Method for the Organization of Components Weights in Employment Process, from Employer Prospective

Bogdan RUSU, Student Perception Regarding the Use of Devices as Learning Tools

Savin Dorin IONESI, Interactive Application for Knitted Structures Based on 3D Printed Macromodels

Teodor Cezar CODAU, Simulation of Water Vapours Diffusion through Textile Structures

Manuela AVADANEI, Drawing technical sketches of model garments by using specialised software

14.40:16.20

Thursday, April 11, 2019

ROOM 3.1, 3rd floor

Serious Games and Gamification

Chairperson **JANNICKE BAALSRUD HAUGE**

Ioana Andreea STEFAN, Exploring the Use of Gamified Systems in Training and Work Environments

Veronika STOFFOVA, A Playful form of Teaching and Learning using Micro-World Applications

Ana-Maria COSMOIU, A Computerized, Gamified Intervention Training Visual Perspective-Taking. Theoretical Rationale and Proposal of a Randomized Controlled Trial

Ladislav VEGH, Learning Object-Oriented Programming by Creating Games

Corina GROSU, Hit by Weibull: Play to Learn Now!

Ioan Alexandru BRATOSIN, Autonomous Driving in Games

Barbu Cristian BRAUN, Visual Function Testing and Training for Children with Different Visual Impairments, by Using a Software Interface, Serious Game Type for Laptop and Tablet

ROOM 3.2, 3rd floor

Pedagogy and Psychology in New Learning Environments

Chairperson **PETRE BOTNARIUC / SILVIA FAT**

Nazime TUNCAY, An Interdisciplinary Research: USTEAM Approach & BWG Assessment in Online Courses

Elena MUSEANU, Psychological Implications of e-Learning Processes

Monica CONDRUZ-BACESCU, E-learning Market in Romania

Daniela POPESCU, The Dark Side of Digitalization: Information and Communication Technology Influence on Human Learning Processes

Mario DUMANCIC, Smart Education in Smart City and Student Model

Yolanda-Mirela CATELLY, Innovative Technology in the Language Class - Learning by Laughing, with Memes Under Focus

Mirela IONITA, The Use of e-Learning Techniques in PR Training

Zlatica JURSOVA ZACHAROVA, Digital Support of Developing Narrative Competence Among Children from Excluded Rural Communities in Slovakia

14.40:16.20

Thursday, April 11, 2019

ROOM 4.1, 4th floor

Technological Innovations and Software for Education

Chairperson **FLORICA MOLDOVEANU**

Robin STOCKERT, Finding General Guidelines for Redesign of Learning Spaces

Teodora UNGUREANU, The potential of City Information Modeling (CIM) in Understanding and Learning from the Impact of Urban Regulations on Residential Areas in Romania

Jozsef UDVAROS, Teaching Object Oriented Programming by Visual Devices

Dan MUNTEANU, Implicit Evaluation of Chess Knowledge in Non-Formal Learning Using Automatic Image Processing and Deep Learning

Alexandru Mihai VULCAN, Visual Tool for Learning GPU Programming

Barbu Cristian BRAUN, Modern Procedure for Applicative Teaching, by Using a Flexible Software Interface for Simulation of Some Optical Phenomena

Nicoleta MUNTEANU, Comparison Between Assisted Training and Classical Training in Nonformal Learning Based on Automatic Attention Measurement Using a Neurofeedback Device

Cristiana ISTRATE, Mobile Application and Wi-Fi Network Security for e-Learning Platforms

Florina UNGUREANU, Laboratory of Things: Virtual Laboratory for Signal Processing Experiments

ROOM 4.2, 4th floor

**Workshop on Semantic and Collaborative Technologies for the Web
Workshop on Knowledge Management from Digital Literacy to Data Scientist**

Chairperson **MIHAI DASCALU / MIREILLE RADOI**

Teodor-Mihai COTET, Semantic Author Recommendations Based on their Biography from the General Romanian Dictionary of Literature

Cristian BECEANU, Collaborative Object Recognition for Parking Management

Daniela GIFU, Romanian TreeAnnotator

Giorgiana Violeta VLASCEANU, Designing a Document Image Analysis System on 3 Axis: Education, Research and Performance

Bujor PAVALOIU, Providing Semantically-Enabled Information for SmES knowledge workers: Multi-agent-based middleware

Iulia - Cristina STANICA, A Survey on History, Present and Perspectives of Document Image Analysis Systems

Elena POPESCU, Accessibility of the Digital Scientific Literature – A Study on Researchers' Perspective

Maria Anca BALUTOIU, LibQuest - Revitalize Libraries and Reading Through Gamification

Ionut-Eugen SANDU, E-Learning Process through Cloud Facilities

ROOM 4.3, 4th floor

Workshop on Using New Technologies and Applications in Medical Bioengineering Education

Chairperson **CALIN CORCIOVA**

Marius TURNEA, The Mathematical Modelling of the Microbial Growth Process

Mariana ROTARIU, Simulation of Mio-Arthro-Kinetic System Parameters in the Planting Region in Order to Optimize Postural Position

Dragos AROTARITEI, Educational Tool for Mathematical Model of Muscular Dystrophy

Catalina LUCA, The Use of Thermography as an Educational Tool in the Study of Chemical Reactions with Heat Transfer

Doru ANDRITOI, Modern Teaching Methods Used in the Study of Sensors and Transducers in the Biomedical Field

Gabriel DIMITRIU, Global Sensitivity Analysis Applied to a Cancer Immunotherapy Model

16.40:18.00

Thursday, April 11, 2019

ROOM 3.1, 3rd floor

Serious Games and Gamification

Chairperson **IOANA STEFAN**

Antoni STEFAN, Story-Oriented Learning

Elizaveta CHACHANIDZE, Serious Games in Engineering Education

Nicoleta CALINOIU (ION), Learning Enhancement Through Video Games

Alina Cristina CHIVU, A Gamified Intervention Combining CBM-I and Social Skills Training for Children with Aggressive Behavior: Proof of Concept

Ioana PODINA, Rationale and Development of a Proof of Concept Gamified mHealth Attention Training App Towards Healthy Food Cues

Alexandru BUTEAN, Improving Training Methods for Industry Workers through AI Assisted Multi-Stage Virtual Reality Simulations

ROOM 3.2, 3rd floor

Workshop on Open Educational Resources and Massive Open Online Courses

Chairperson **CARMEN HOLOTESCU**

Petre BOTNARIUC, Teachers' Needs and Readiness for Employing OER - A Survey within the Romanian Primary and Secondary Education Context

Gabriela GROSSECK, "Digital Storytelling" in Teaching: Lessons Learned at WUT

Andrei-Stefan DULUTA, Modern Techniques on Learning Strategies Supported by Data Mining Analysis

Umur AKCIL, The Role of Technology Leadership: Innovation for School Leadership in Digital Age

Fahriye ALTINAY, Developing at a Great Pace: Studies on Artificial Intelligence in Higher Education

Simona Nicoleta NEAGU, The Impact of Technological Progress on Young People

Felicia Mirabela COSTEA, Redesigning Educational Tools Using Auto-Generative Learning Objects

Polina ANANCHENKOVA, Distance Learning as the Professional Development Tool of Employees under the Company Staff Policy

ROOM 4.1, 4th floor

Technological Innovations and Software for Education

Chairperson **ALIN MOLDOVEANU**

Grigore ALBEANU, On Using ADDIE/SAMR Methodology to Improve the Performance in Blended Learning

Alexandra HUTANU, A Review of Eye Tracking in Elearning

Simona Alexandra PASCAL, The Role of Disgust and Fear in the Educational Environment: Theoretical Aspects and Proposal of a Computerized Intervention

Andrea DEBELJUH, NTC (Nikola Tesla Center) Camp and Information and Communication Technologies – Kids Evaluation of Innovative Learning Techniques

Andrei George FLOREA, Using a Web-Based Framework to Build and Experiment with Virtual Reality Worlds

Radu RADESCU, E-business Learning Tool for Online Banking Based on BPM (Business Process Management)

Maria STEPANOVA, Applying Kolmogorov Complexity for High Load Balancing Between Distributed Computing System Nodes

Andrei ZAMFIRA, An Object-Oriented Reasoner for Saturation of Logical Knowledge Bases

Marin OPREA, The Integration of IoT Projects in Undergraduate Education

ROOM 4.2, 4th floor

Workshop on E-training for Sport Professionals

Chairperson **VASILICA GRIGORE**

Monica STANESCU, Physical Exercises and Computer-Based Games: from Playground to Serious Games and Exergames

Michaela MILO, The Effect of Reference to the Ball on the Height of Volleyball Block Jump and Volleyball Attack Jump of Volleyball Players

Vasileios BARKOUKIS, A Serious Game Approach in Anti-Doping Education: the Game Project

Nicoleta LEONTE, Computerized Differences in the Simple Reaction Time Between Athlete and Non-Athlete Female Students in U.P.B. – comparative analysis

Aura BOTA, Polar Team Pro – the Ultimate Diagnosis Tool in Competitive Football

Silvia TEODORESCU, Ways of Exploitation the Polar Team Pro Data in Conducting the Training Process in A Competitive Football Team

Adrian-Daniel PRICOP, Study on the Efficiency of the Myotest Device in the Development of the Minisoccer Players Explosive Strength

Adina Andreea DREVE, How the GPS Monitoring System Helps Us in Conducting Training and Improving Performance in Rugby

Carmen Liliana GHERGHEL, Monitoring Changes in the Foot Posture by Using PRESSCAM Software

ROOM 4.3, 4th floor

Workshop on Using New Technologies and Applications in Medical Bioengineering Education

Chairperson **MARIUS TURNEA**

Calin CORCIOVA, A Tutorial for Computational Fluid Dynamics Applied to Multilayer Flow Modulator

Mihai ILEA, Dynamics of Salmonella Transmission Using Compartmental Models

Catalin IONITE, Comparative Study of Kinetic Protocols for Evaluating the Influence of Pubis Osteitis on Football Players

Robert FUIOR, Assisted Movement Training System for Conventional Therapy Techniques Rehabilitation

Michael Moyosola SHEBA, Development of a Micro-Current Arduino-Based Low Cost User-Friendly Cranial Electrotherapy Stimulation for the Treatment of Pain, Depression, Insomnia and Anxiety

Vasile Lucian BOICULESE, Comparison of Sample Sizes to Estimate Proportions

Mihaela Ioana BARITZ, Eye Movement Analysis System in Relation to Biomechanical Perturbations

09.00:10.30

Friday, April 12, 2019

ROOM 3.1, 3rd floor

Workshop on Innovative Language Learning Opens Doors to International Career Development

Chairperson **STEFAN COLIBABA**

Stefan COLIBABA, Innovative Strands in the ZOE Project

Marina MARCHISIO, Adapting STEM Automated Assessment System to Enhance Language Skills

Alexandra COTOC, Sustained Silent Reading and Specialised Vocabulary for ESP. A Case Study

Aniella-Mihaela VIERIU, Problematics of the Emigrants' Accommodation in a New Educational Context. The Perspective of Pupils"

Mihaela PRICOPE, Teaching Professional Interviews with Online Resources – a Key Path to Success

Corina MARCULESCU, Language and Safety: The Benefits of Using Audio Visual Aids in Teaching Aviation English

Ana Mihaela ISTRATE, The Impact of the Virtual Assistant (VA) on Language Classes

Cristina FELEA, Using e-Portfolios in Teaching English for Academic Purposes –Developing Independent Learning Skills

ROOM 3.2, 3rd floor

Open Education, Best Practices, Demonstrations and Case Studies

Chairperson **ADRIAN ADASCALITEI**

Andrei GAITANARU, Virtual Class (Videoconference)

Robert Madalin CRISTESCU, Authentication Based on Ocular Retina Recognition in e-Learning Systems

Jan-Alexandru VADUVA, Applications of Machine Learning in Malware Detection

Dana RADU, Developing Teaching and Learning Resources for Food Safety Disciplines – A Case Study

Ekaterina OREHOVA, Learning Database Queries with Prolog

Aleksandr FADEEV, Redesigning Contemporary Learning in Literature, History and Culture through Online Learning Environments

Catalina Monica ALEXE, E-Learning - Facilitator Tool for the Development of Technological Entrepreneurship

Huu Hop NGUYEN, Extend Learning Space with the Smartphone for Students at Hung Yen University of Technology and Education, Vietnam

09.00:10.30

Friday, April 12, 2019

ROOM 4.1, 4th floor

Workshop on Excellence in Engineering Education through e-Learning and ICT Tools (EXTEND)

Chairperson **ELISABETA LAZAROU**

Karlis VALTINS, Intelligent Feedback Systems in Higher Education – Why and How?

Phuong Anh NGO, Developing the ESP Ability of Vietnamese Students through the use of Blended Learning

Natalya ZERKINA, Extend Centre's Resources for Increasing General Digital Literacy

Elena KIRINA, Learning of Supporting-Motor System

Daniil LOKTEV, User Verification Based on the Analysis of His Images in the Distance Learning System

Ksenya ZVEREVA, The Kolmogorov Complexity as a Tool of Phd Students' Preparation to be a Researcher

Andrey PONOMAREV, Clustered and Nonclustered Indexes in Databases and Educational Tasks on Development the Structure of Databases

Tatiana SALIMOVA, Improving the Quality of Engineering Education through Modern Educational Technologies

ROOM 4.2, 4th floor

Workshop on ICT Tools for Training and Counseling

Chairperson **NICOLETA LITOIU**

Nicoleta LITOIU, Social Networks: Learning Tools or Just Socializing Environment?

Cristina ANTONOAIIE, The Influence of National Culture on Technology Adoption

Camelia Ramona SILVESTRU (BERE), Millennials and the Need for Adapting e-Learning Methods for Business Performance - a Case Study

Dana CRACIUN, Educational Trends in Medicine: Collaborative Technologies and Pedagogical Models

Chaman VERMA, Attitude Prediction towards ICT and Mobile Technology for the Real-Time: An Experimental Study using Machine Learning

Cristian VASILESCU, A New Method to Help the Human Resources Staff to Find the Right Candidates, Based on Deep Learning

Elena Oliviana EPURESCU, Project Manager Profile

Alexandra ARAMA, Innovation of Teaching and Learning Practices through Online Collaborative Projects

ROOM 4.3, 4th floor

Workshop on Technology-enhanced Learning to Improve Quality of Life (TELIQOL 2019)

Chairperson **MARIA DASCALU**

Alexandru DARIE, The Impact of E-Learning on the Future Job Market – Predicting a New Educational Type of Learning Style for The Next Generations

Mihaela Ioana BARITZ, Developed a Hardware and Software Application to Monitor Eye Movements and Evaluate the Visual Field

Mihail CAZACU, Using the Activity Theory to Identify the Challenges of Designing Elearning Tools based on Machine Learning for Security Operations Centers

Sarmad Monadel Sabree AL-GAYAR, A Quantitative Research for Determining the Medical User's Interest and Interact with E-Learning in the Medical Social Media System Targeted for the Iraqi Environment

Valentina VARTIC, Use of Assistive Technologies in Accessibility of Information for Students with Visual Impairments

Iuliana MARIN, Treatment Assignment Based on Automatic Learning for the Pregnant Women Suffering from Preeclampsia

11.00:13.00

Friday, April 12, 2019

ROOM 3.1, 3rd floor

Workshop on Innovative Language Learning Opens Doors to International Career Development

Chairperson **ANCA COLIBABA**

Anca Cristina COLIBABA, Redesigning Science Classes Through the e-Classes Project's Initiatives

Alina BALAGIU, Students PowerPoint Presentations as Assessment Tool for Learning Evaluation

Victoria VINTU, The Importance of Multimedia in Teaching / Learning the Specialized Languages

Elisabeta Simona CATANA, E-Learning Incentives for Improving the Engineering Students' Accuracy in English for Work Purposes and Online Professional Communication

Ruxandra VISAN, Corpus-based Research and Romanian Teachers of EFL. Examining Key Aspects of English Usage

Brandusa RAILEANU, An E-Learning Model in a Systems Theory Approach

Ioan-Laurian SOARE, Multilingualism and Minority Language Teaching. Between Tradition and Revitalization

Irina-Ana DROBOT, The Role of the Teacher of Foreign Languages in Online Environment and in Classical Classrooms

ROOM 3.2, 3rd floor

Open Education, Best Practices, Demonstrations and Case Studies

Chairperson **RADU CATALIN**

Ionela MANIU, Considering Student Voice in Course Co-Design Process

Ioan MITREA, Prevention and Detection of Plagiarism in Elaboration of Bachelor's Work by Students

Florin-Felix RADUICA, B-Learning, the Best Way to Teach Ecodesign

Valentina VARTIC, Knowledge and Use of Plagiarism Detection Programs in Academic Work by Students

Irina CRISTESCU, Heterogeneity of Students' Perceptions of e-Learning Platform Quality: a Latent Profile Analysis

Cristian CUCU, Current Technologies and Trends in Cybersecurity and the Impact of Artificial Intelligence

Polina ANANCHENKOVA, Development of the Distance Learning Programs for Staff Development

Radu BONCEA, Machine Learning Based Methods Used for Improving Scholar Performance

11.00:13.00 Friday, April 12, 2019

ROOM 4.1, 4th floor

Workshop on Excellence in Engineering Education through e-Learning and ICT Tools (EXTEND)

Chairperson **MARIA DASCALU**

Maria Iuliana DASCALU, Ontologies - Facilitators for Curriculum Design in Centers of Excellence for Engineering Education

Daler SHARIFI, Introduction and Use of Modern Educational Technologies in Education in the Republic of Tajikistan

Yuliya SAVINOVA, E-Learning Resources as a Means of Developing Engineering Students' Soft Skills

Angelina DUBSKIKH, Virtual Educational Environment as One of the Perspective Technologies of e-Learning in Foreign Language Teaching

Alexey MITKOVSKIY, SIEM-Platform for Research and Educational Tasks on Processing of Security Information Events

Elena SMIRNOVA, New Approaches to the Organization of Educational Processes for Engineering Directions in Tajikistan

Ioan Cristian MUSTATA, The Potential of Developing Strategic Thinking Skills through Strategic Games with Physical vs. Electronic Participation

ROOM 4.2, 4th floor

Workshop on ICT Tools for Training and Counseling

Chairperson **TEODORA CHICIOREANU**

Teodora Daniela CHICIOREANU, Education and Modern Technologies, their Positive and Negative Impact

Adrian ADASCALITEI, Implement Online Laboratories in Electrical and Computer Engineering Education using Virtual Learning Environments ***

Ramona Cristina BALANESCU, A Study on the Satisfaction at the Workplace

George SUCIU, Novel Artificial Intelligence Technologies for Enhanced Recruitment Campaigns Using Social Media

Gheorghe MINCULETE, Approaches to Companies' Personnel Education and Training in the Field of Digital Marketing

Raluca-Giorgiana CHIVU, Education Software and Modern Learning Environment: Elearning

Siti Nazleen ABDUL RABU, The Design and Implementation of Student Attendance Tracking System Using QR Code Card

ROOM 4.3, 4th floor

Workshop on Technology-enhanced Learning to Improve Quality of Life (TELIQOL 2019)

Chairperson **ALIN MOLDOVEANU**

Doina BANCIU, Information and Documentation through New Technologies in E-Learning Process

Roxana POSTELNICU, E-Learning to Support Online Training in Software Project Management for Better Work-Life Balance

Roxana Anca TROFIN, Developing Intercultural Competences by Means of a Technology-Mediated Learning Model

Naseer Abdulkarim Jaber AL-HABEEB, E-School Management System Based on Satellite IMT-Advanced Technology

Tamara VAGG, Improving Patient Education and the Transition Process Using Virtual Reality

Fabiola Sanda CHIRIACESCU, Didactic Instrument Developed in Geogebra for the Determination of the Coordinates of an Earthquake Based on an Inquiry Based Learning Method

Cristiana LOTREA, Relearning Life: A Study on Learning Experience and Life Satisfaction while Recovering

Call for Papers - eLSE 2020

The 16th International Conference
eLearning and Software for Education

Bucharest, 23-24 April, 2020

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Submission of abstracts:

November 15, 2019

Notification of acceptance:

December 09, 2019

Submission of complete papers:

January 27, 2020

We are looking forward to meet you in 2020!