

**Friday, 19 June 2020 – Plenary session ([Link Zoom](#))**

**9:30** (Romanian hour, GMT+3)

Introduction and moderator: **Prof. Matei TAMASILA**, Politehnica University of Timisoara, co-chair of ErgoWork 2020, member of the Ergonomics and Workplace Management Society in Romania Board

**9:40 – 10:00**

**1. ErgoWork 2020 – Something old, something new, something borrowed, something blue**



**Prof. Anca DRAGHICI**

Politehnica University of Timisoara, President of the Ergonomics and Workplace Management Society in Romania

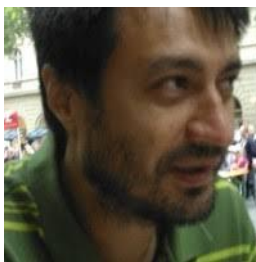


**Assoc. prof. Larisa IVASCU**

Politehnica University of Timisoara, President of the Ergonomics and Workplace Management Society in Romania, member of the Ergonomics and Workplace Management Society in Romania Board

**10:00 – 10:20**

**2. Introducing the Ergonomics and Human Factors Regional Educational CEEPUS Network**



**Prof. Eur. Erg. Dr. Gyula SZABO**

Óbuda University, Hungarian Ergonomics Society, FEES representative for Communication and Promotion Committee

**10:20 – 10:40**

### **3. How to Become an European Ergonomist?**



**Associate Prof. PhD, DSc, Eng. Beata Mrugalska**

Poznan University of Technology, representative of the Centre for Registration of European Ergonomists (CREE)

**10:40 – 11:00**

### **4. The Workers Perspective - Eye Tracking in Production Environments**



**Prof. Dr.-Eng. Dipl.-Wirt. Eng., habil. Joerg NIEMANN**

FLiX Research Centre for Life Cycle Excellence  
Duesseldorf University of Applied Sciences, Germany

**11:00 – 11:20**

### **5. eVRy Lab - Project Scan2VR**



**Prof. (FH) Mag. Michael REINER, As. Sandra PFIEL,  
As. Matej HOPP, Programmer Rene SCHUSTER, Programmer Florian  
TIEFENBACHER**

IMC University of Applied Sciences Krems, Austria

**11:30 Conclusions and final discussions**

## PARALLEL SESSIONS:

<b>14:00 – 15:15</b>	
<b>Parallel session 1 - Virtual room 1</b>	<b>Parallel session 2 - Virtual room 2</b>
<a href="#">Link Zoom</a> <a href="#">Link Mp4</a>	<a href="#">Link Zoom</a> <a href="#">Link Mp4</a>
<b>Session Chair:</b> Prof. Dr. Roland MORARU, University of Petrosani, Faculty of Mining, Romania <b>Virtual meeting host:</b> Assoc. prof. Larisa IVASCU, Politehnica University of Timisoara, Romania	<b>Session Chair:</b> Assoc. Prof. habil. Nicoleta CARUTASU, Politehnica University of Bucharest, Romania <b>Virtual meeting host:</b> PhD Student Alin GAUREANU, Politehnica University of Timisoara, Romania
1 Adrian Ispasoiu, Roland Iosif Moraru, Gabriel Bujor Babut and Mihai Popescu-Stelea, STUDY ON THE POTENTIAL OF ARTIFICIAL INTELLIGENCE APPLICATION IN INDUSTRIAL ERGONOMY PERFORMANCE IMPROVEMENT	1 Nicoleta-Elisabeta Pascu, Nicoleta Luminita Carutasu, Victor Adir and George Carutasu, ERGONOMICS AND SIGNAGE SYSTEM
2 Kovacs Izabella, Moraru Roland Iosif, Călămar Angela Nicoleta, Pupăzan Daniel and Nicolescu Cristian, RESEARCH ON COGNITIVE BEHAVIORAL COPING IN THE CONTEXT OF INTERVENTION AND RESCUE ACTIVITY IN TOXIC AND EXPLOSIVE ENVIRONMENTS	2 Marius Gal, Claudiu Kifor, ALGORITHM AND MODEL FOR KNOWLEDGE CAPITALIZATION IN AUTOMOTIVE R & D OFFSHORE BRANCHES
3 Ana Branea, Sabina Alina Potra, Adrian Pavel Pugna and Marius Găman, ASSESSING RELEVANT QUALITY ATTRIBUTES FOR DESIGNING AN ERGONOMIC DORM ROOM WITHIN THE ROMANIAN CONTEXT	3 Anamaria Ioana Feier and Felicia Veronica Banciu, ERGONOMIC ASPECTS OF REAL AND VIRTUAL WELDING TOOLS
4 Emil-Constantin Loghin, Adela Florea and Irina Ionescu, WORKPLACES ERGONOMY FOR PEOPLE WITH DISABILITIES	4 Firu Adrian Ciprian, Țăpîrdea Alin, Feier Anamaria Ioana, Chivu Oana and Drăghici George, NEW COMPETENCES AND PEOPLE SKILL DEVELOPMENT REQUIRED BY NEW TECHNOLOGY IN INDUSTRY 4.0
5 Raluca Maria Iordache, Viorica Petreanu and Delia Cristina Mihăilă, AN ERGONOMIC PERSPECTIVE CONCERNING WORK RELATED EARLY WEAR	5 Alina Camelia PAVEN, Radu STEFAN, George CARUTASU, ERGOWORK AND SUSTAINABLE WORKPLACES
6 Sabin Ioan Irimie and Sabina Irimie, ERGONOMY AND THE EGONOMIST - HISTORICAL AND CURRENT REFERENCES	6 Alina Camelia Paven, Marian Ion, George Carutasu, DECISION SUPPORT SYSTEMS FOR ENERGY EFFICIENCY OF BUILDINGS

15:30 -16:45

<b>Parallel session 3 - Virtual room 1</b> <a href="#">Link Zoom</a> <a href="#">Link Mp4</a>	<b>Parallel session 4 - Virtual room 2</b> <a href="#">Link Zoom</a> <a href="#">Link Mp4</a>
<b>Session Chair:</b> Prof. Angela REPANOVICI, Transilvania University of Brasov, Romania <b>Virtual meeting host:</b> Prof. Anca DRAGHICI, Politehnica University of Timisoara, Romania	<b>Session Chair:</b> Assoc. prof. Larisa IVASCU, Politehnica University of Timisoara, Romania <b>Virtual meeting host:</b> PhD Student Alin GAUREANU, Politehnica University of Timisoara, Romania
1 Anca Draghici, Paula Nicoleta Neag and Alin Gaureanu, A STUDY ON SAFETY COSTS IMPACT	1 Diana Andreescu, FROM SKETCH TO PRODUCT THROUGH ERGONOMICS
2 Vlaicu Luminița Ioana and Repanovici Angela, WHEELCHAIR WITH SOLAR PANELS	2 Oriana Negulescu and Elena Doval, ERGONOMICS AND TIME MANAGEMENT IN REMOTE WORKING FROM HOME
3 Mária Babicsné-Horváth, Dávid Pál Boros and Károly Hercegi, COMPARISON OF PEN-AND-PAPER BASED AND DIGITAL HUMAN MODEL BASED ERGONOMIC RISK ASSESSMENT – A CASE STUDY ON AN INDUSTRIAL WORKPLACE	3 Stef Dorian, LIFELONG LEARNING IN CONTEXT OF INDSUTRY 4.0
4 Mrinal Raja C, Vinay Mathews, Grace Mary Abraham ELEMENTAL APPROACH TO DESIGN A WORKER PROFILE AS A SELECTION TOOL IN LAST PLANNER SYSTEM	4 Stef Dorian, ERGONOMICS IN INDUSTRY 4.0
5 Corina Dufour, Ana-Maria Pană, Gabriela-Alina Dumitrel and Anca Draghici, OCCUPATIONAL HEALTH AND SAFETY IN HIGHER EDUCATION: CASE-STUDY FOR THE IMPLEMENTATION OF THE KNOWLEDGE-CREATING SPIRAL	5 Larisa Ivascu, Ben-Oni Ardelean, Ciprian Trocan and Monica Balan, APLICATION INTERPRETIVE STRUCTURAL MODELLING FOR EVALUATING ERGONOMICS FACTORS OF THE PUBLIC SECTOR
6 Alin Gaureanu, Anca Draghici, Nicoleta Paula Neag and Larisa Ivascu, MASSIVE AND REPEATED MOLECULAR TESTING, A TOOL IN THE ERGONOMICS OF THE PANDEMIC PREVENTION MANAGEMENT SYSTEM	6 Larisa Ivascu, Anca Draghici, Alin Gaureanu and Monica Balan, RETHINKING THE CONDITION OF ERGONOMICS FOR SUSTAINABLE DEVELOPMENT

<b>17:00 -18:15</b>	
<b>Parallel session 5 - Virtual room 1</b> <a href="#">Link Zoom</a> <a href="#">Link Mp4</a>	<b>Parallel session 6 - Virtual room 2</b> <a href="#">Link Zoom</a> <a href="#">Link Mp4</a>
<i>Session Chair: Prof. Gabriela PROSTEAN, Politehnica University of Timisoara, Romania</i> <i>Virtual meeting host: Prof. Anca DRAGHICI, Politehnica University of Timisoara, Romania</i>	<i>Session Chair: Prof. Claudiu ALBULESCU, Politehnica University of Timisoara, Romania</i> <i>Virtual meeting host: PhD Student Alin GAUREANU, Politehnica University of Timisoara, Romania</i>
1 Ana-Andreea Mihartescu, Mircea Liviu Negrut and Mihai Misca, THE WORKSPACES AND THEIR INFLUENCE ON THE EMPLOYEE'S WORK PRODUCTIVITY	1 Aurel Manolescu, Alexandrina Deaconu and Monica Triculescu, ERGONOMICS EDUCATION AND TRAINING - A PERMANENT CHALLENGE
2 Diaconescu Andra, Prostean Gabriela, Ivascu Larisa and Tamasila Matei, PERFORMANCE EVALUATION TO IMPROVE WORK CONDITIONS AND MAINTAIN WASTE MANAGEMENT INITIATIVES IN ORGANISATION	2 Iulia I Dragoi, Florina G Popescu, Pompilia Lazurean, Ramona Anculia, Melania Ghigulescu, Ioana Marin and Elena-Ana Pauncu, BACK PAIN IN A GROUP OF COMPUTER WORKERS ASSESSED IN A PHYSIOTHERAPY UNIT
3 Andrei HUTANU, Stephan VOLKER, Gabriela PROSTEAN, Cristian VASAR, DEVELOPMENT MODEL FOR RADIO-NAVIGATION SOFTWARE PROJECTS	3 Ibrian Caramidaru, Andreea Ionica and Moinca Leba, A LEARNING-BY-DOING BASED FRAMEWORK FOR MICRO-KNOWLEDGE MANAGEMENT IN PROJECT CONTEXTS
4 Dana ATANASESCU, Gabriela PROSTEAN, Andra DIACONESCU, A CONCEPTUAL MODEL TO IMPROVE FINANCING CAPACITY OF UNIVERSITIES - THE CASE OF ROMANIA	4 Corina Dufour, Anca Draghici and Larisa Ivascu, OCCUPATIONAL HEALTH AND SAFETY DIVISION OF RESPONSIBILITY: A CONCEPTUAL MODEL FOR THE IMPLEMENTATION OF THE OHSAS 18001:2007
5. Nicoleta Slabu and Mihaela Luminita Lupu, BIBLIOGRAPHIC STUDY ON THE USE OF COMMUNICATION IN RELATION TO THE SCHOOL RELATIONSHIP - COORDINATING INSTITUTIONS	5 Larisa Ivascu, Viorica Baesu, Dana Fatol, Gabriela Alina Paraschiva, A STUDY ON THE INFLUENCE OF HUMAN RESOURCE MOTIVATION ON JOB SATISFACTION AND PERFORMANCE. THE CASE OF TEACHERS IN ROMANIAN PRE-UNIVERSITY EDUCATIONAL SYSTEM
6 Tihomir Dovramadjiev, Mariana Stoeva, Violeta Bozhikova, Rozalina Dimova and Rusko Filchev, DIGITAL PARAMETRIC DESIGN OF FRACTAL GEOMETRIC KOCH SNOWFLAKE PATTERNS	6 Irina Mohora, Horațiu-Florin Șoim and Sebastian Capotescu, GENERATIONS AT WORK IN THE POST-PANDEMIC TIME

7 Tihomir Dovramadjiev, Mariana Stoeva, Violeta Bozhikova, Rozalina Dimova and Rusko Filchev, COMPUTER HYBRID DESIGN USING PYTHON SCRIPTING AND CONVENTIONAL 3D MODELING TO BUILD (FCC) CRYSTAL STRUCTURES OF PRECIOUS METALS AND THEIR PREPARING FOR 3D PRINTING

7 Claudiu Albulescu and Serban Miclea, HOW DOES THE NATIONAL HUMAN CAPITAL INDEX INFLUENCE THE TOTAL FACTOR PRODUCTIVITY OF THE ROMANIAN R&D FIRMS?