

ErgoWork 2024

3rd International Conference of the Romanian Society on Ergonomics and Workplace Management, Bucharest, Romania

PROGRAM OF THE SCIENTIFIC COMMUNICATIONS, Friday, 1st Nov. 2024

Location: National University of Science and Technology Politehnica Bucharest, Faculty of Industrial Engineering and Robotics, Splaiul Independentei 313, Bucharest, Romania,
Library building, Room 2.1, second floor



Online Link: <https://upt-ro.zoom.us/j/92480497642> (Alin GAUREANU, technical support)

9:30 Opening ceremony (Library building, Room 2.1, second floor)

Prof. Dr. Eng. Cristian DOICIN, National University of Science and Technology Politehnica Bucharest, Romania

Prof. Dr. Eng. Oana CHIVU, National University of Science and Technology Politehnica Bucharest

Prof. Dr. Eng. Larisa IVASCU, Vice-Rector & Director of the Research Center for Engineering and Management, Faculty of Management in Production and Transportation, Politehnica University Timisoara, Timisoara, Romania - ErgoWork 2024 Program chair

Prof. Dr. Ec., & Eng. Marian MOCAN, Politehnica University Timisoara, Romania

Prof. Dr. Ec., & Eng. Matei TAMASILA, Politehnica University Timisoara, Romania

Prof. Dr. Eng. & Ec. Anca DRAGHICI, Politehnica University of Timisoara, President of the Ergonomics and Workplace Management Society in Romania

Message from IEA and FEES

10:00 – 11:00 Plenary session (Keynote presentations) – part 1

ErgoWork Activities and Initiatives in the Last 5 Years (2019 – 2024)	Prof. Anca DRAGHICI & As. Dr. Maria-Elena BOATCA , Politehnica University of Timisoara, Ergonomics and Workplace Management Society in Romania
Occupational Safety and Health in the Artificial Intelligence Era	Prof. Eur. Erg. Dr. Gyula SZABO , Óbuda University, Hungarian Ergonomics Society, Federation of European Ergonomics Societies (FEES) representative for Communication and Promotion Committee
Ergonomic Solutions to Reduce Workload in Airport Baggage Handling	Dr. Eng. Anca MOCAN , Water & Environmental Engineering Center of Excellence at Amaris Consulting, Switzerland

11:00 – 11:30 Conclusions with Mihnea Cosmin COSTOIU, Rector

National University of Science and Technology Politehnica Bucharest

11:30 – 12:30 Plenary session (Keynote presentations) – part 2

Legal And Safety Aspects of the Application of Automated and Autonomous Vehicles in the Republic of Croatia	Melita MILENKOVIC, Ph.D., LL.M. , Faculty of Transport and Traffic Sciences, University of Zagreb, Croatia
Contribution of Ergonomics to the Development of Industry 5.0	Prof. Aleksandar ZUNJIC , University of Belgrade, Faculty of Mechanical Engineering, Industrial Engineering Department, Serbia, President of the Ergonomics Society of Serbia (ESS), Secretary General of the Federation of European Ergonomics Societies (FEES)
The Power to Move on! (Puterea de a merge mai departe!)	Ec. Elena FILIP & Ing. Gheorghii FILIP , "All for you" association, Romania, https://www.totulpentrutine.ro/

12:30 – 13:30 Conclusions. Lunch break, Room CK 111

PROGRAM OF PARALLEL SESSIONS, Friday, 1st Nov. 2024

Location: National University of Science and Technology Politehnica Bucharest, Romania, Splaiul Independentei 313, sector 6, 060042 Bucharest, C building

Location	Room CK 104	Room CK 109	Room CK 105
Time	Chair: Nicoleta CARUTASU & Ilie TAUCEAN	Chair: Raluca Maria IORDACHE & Cristina MOHORA	Chair: Larisa IVASCU & Marian MOCAN
13:30 – 15:00	<p>Adrian Catalin Lungu, Luciana Cristea, Mihaela Baritz, Cornel Druga, Angela Repanovici, Serghei Railean, Anca Tataru and Gyuri Bodi, COMPARING THE ERGONOMIC METHODS USED TO ASSESS THE IMPACT OF HUMAN BODY POSITION ON VISUAL COMFORT FOR COMPUTER USERS AND PROGRESSIVE LENS WEARERS</p> <p>Nicoleta-Elisabeta Pascu, Carutasu Nicoleta, Victor Adir, George Carutasu and Ionut Cristian Prederic, ERGONOMICS AND SENSORY DESIGN</p> <p>Cristiana Viorela Apreutese, Maria Cristina Canja, Vasile Padureanu, Anisor Nedelcu and Liliana Ceclu, RESEARCH REGARDING ECONOMICAL RISKS CAUSED BY ERGONOMICAL ISSUES IN THE WINEMAKING INDUSTRY OF ROMANIA</p> <p>Steluța Năstasă, Anișor Nedelcu, Cristina Pădureanu and Dimitrios Karamousantas, OPTIMIZING WINE TOURISM THROUGH ERGONOMICS: A MULTI-CRITERIA ANALYSIS</p> <p>Crina Duta, Nicoleta Carutasu and Robert Emanuel Brezoaie, COMPARATIVE ANALYSIS OF THE IMPACT OF COGNITIVE ERGONOMICS IDENTIFIED IN TELEWORKING AND ONLINE EDUCATION</p> <p>Alex Raul Tapirdea, Gheorghe Marilena, Oana Chivu, Anamaria Ioana Feier, Alexandra Stancu, Claudia Borda and Catalina Enache, ANALYSIS OF THE IMPACT OF STRESS ON STUDENTS' MENTAL HEALTH</p>	<p>Raluca Maria Iordache, Delia Mihăilă, Raluca Stepa, Maria Haiducu, Alina Trifu and Daniel Onuț Badea, PSYCHOSOCIAL RISKS DIMENSION IN DECISION SUPPORT SYSTEM</p> <p>Daniel Onut Badea, Doru Costin Darabont, Alina Trifu, Raluca Maria Iordache and Oana Roxana Chivu, VIBRATIONS: A SILENT RISK IN WORK-RELATED MUSCULOSKELETAL DISORDERS</p> <p>Timea Cisma, Alexandra Coroian, Elena-Cristina Rada and Larisa Ivascu, SUSTAINABLE ENERGY: ALIGNING YOUTH PERSPECTIVE FOR FUTURE ERGONOMIC WORKSPACES</p> <p>Teodora Maria Panoiu, Serban Nedelcu, Vasile Padureanu, Maria Cristina Canja and Magdalini Toupektsi, APPLICATION OF ERGONOMICS TOOLS IN THE USE OF TOURIST ATTRACTIONS</p> <p>Silvia Iacob, Cristina Mohora and Dana Tilina, ERGONOMIC CONSIDERATIONS FOR PHYSICAL THERAPISTS AND THE IMPORTANCE OF REHABILITATION TECHNOLOGIES</p>	<p>Neta Ionelia SAPTEBANI, Marian MOCAN, EVALUATION OF THE CONDITIONS FOR SUSTAINABLE WORKPLACES IN ROMANIAN CUSTOMS</p> <p>Rugescu Ana-Maria, Antonie Geanina Elena, Enache Catalina and Chivu Oana Roxana, SOLUTIONS TO IMPROVE PASSENGER COMFORT DURING A FLIGHT</p> <p>Ciprian Sorin Vlad, Iulia Ioana Mircea and Eugen Rosca, THE FUTURE OF PUBLIC ADMINISTRATION. PERSPECTIVES ON INTERACTING WITH THE PUBLIC THROUGH ARTIFICIAL INTELLIGENCE</p> <p>Florin Dragan, Florin Bogdea, Larisa Ivascu, Adrian-Viorel Dragomir and Mircea Samfirescu, ADAPTIVE LEARNING THROUGH ARTIFICIAL INTELLIGENCE IN ENTREPRENEURSHIP EDUCATION</p> <p>Zargham Ullah Khan, Jaffar Mahmood Butt, Larisa Ivascu and Muhammad Ibrahim Abdullah, NAVIGATING DIGITAL CONSUMER BEHAVIOR: THE ROLE OF ONLINE ENGAGEMENT AND PERCEIVED RISK</p> <p>Florin Dragan, Mircea Samfirescu, Larisa Ivascu, Alin Artene and Ionut Croitoru, AN ARTIFICIAL NEURAL NETWORK FOR THE ANALYSIS OF SUSTAINABLE ORGANIZATIONAL PROCESSES</p>

Location	Office Room CB109 https://upt-ro.zoom.us/j/98906217775	Room CE 204	Room CE 306
Chairs	EDU4 PlastiCircular Action Lab Chairs: Angela Repanovici, Elena Cristina RADA & Andra DIACONESCU	Chair: Gyula SZABO & Catalin Gheorghe AMZA	Chair: Roland MORARU & Doru Costin DARABONT
13:30 – 15:00	<p>Angela Repanovici, Dana Perniu and Santiago Ferrandiz Bou - THE INFLUENCE OF PLASTIC INDOOR MATERIALS ON HEALTH: A SCIENTOMETRIC ANALYSIS USING WEB OF SCIENCE AND VOSVIEWER</p> <p>Anzhelika Karaeva and Elena Magaril - MANAGEMENT COMPETENCIES IN THE ENERGY SECTOR WITHIN THE FRAMEWORK OF SUSTAINABLE MANAGEMENT</p> <p>Luminita Ioana Vlaicu and Angela Repanovici - DECARBONIZATION OF COMPANIES</p> <p>Ramona Giurea, Anca Tulbure, Liliana Georgeta Popescu and Elena Cristina Rada - A CIRCULAR ECONOMY AND SUSTAINABLE PERSPECTIVE ON PLASTICS IN THE CONTEXT OF UNIVERSITIES</p> <p>Andra Diaconescu, Liliana Harding and Claudiu Tiberiu Albulescu - EDUCATION FOR ENVIRONMENTAL SUSTAINABILITY IN HIGHER INSTITUTIONS: RESEARCH FROM AN ECONOMIC PERSPECTIVE</p> <p>Dana PERNIU, Anca DRAGHICI, Angela REPANOVICI, Anja BUBIK, Valerij DERMOL and Cristina Elena RADA - A SYNTHESIS OF THE MICRO-NANO PLASTIC WASTE IMPACT ON HUMAN HEALTH – AN ECOLOGIC AND MEDICAL PERSPECTIVE</p> <p>VIDEO DEMONSTRATIONS WITH BEST PRACTICES WITH DERMOL ltd.</p>	<p>Alina Panciu and Lucian Lobont, THE RELATION BETWEEN ERGONOMIC FACTORS, EMPLOYEE TURNOVER AND CUSTOMER COMPLAINTS. AN EMPIRICAL CASE STUDY IN AN AUTO REPAIR SHOP</p> <p>József Orbán and Gyula Szabó, THE CHALLENGES OF RESEARCHING ORGANIZATIONAL RESILIENCE IN OCCUPATIONAL SAFETY</p> <p>Ricardo P. Arciniega-Rocha, Vanessa C. Erazo-Chamorro, Edina Gábor, Rudolf Nagy, Zoltán Herényi, Ágnes Bulik-Kurdi, Péter LEISZTNER, Ferenc Faragó, József Orbán, Mátyás Simon and Gyula Szabó, ERGONOMICS AND WORK SAFETY STUDIES AT ÓBUDAI UNIVERSITY'S OCCUPATIONAL SAFETY AND HEALTH LABORATORY. A SYNTHESIS OF MAIN ACHIEVEMENTS</p> <p>Horatiu-Marius Nitescu, Catalin Gheorghe Amza and Marilena Gheorghe, ASSESSMENT FOR THE HEALTH AND SAFETY OF WORKERS DURING WORK USING THE MAXM METHOD</p>	<p>Alina Trifu, Doru Costin Darabont, Vicentiu Ciocirlea, Iulian Ivan, Daniel Onut Badea and Raluca Maria Iordache, SAFETY KNOWLEDGE MAPS – A TOOL FOR EDUCATION AND TRAINING IN OCCUPATIONAL SAFETY</p> <p>Adrian Ispasoiu, Ioan Milosan and Camelia Gabor, ERGONOMICS RISK MANAGEMENT IN INDUSTRY (ERMI)</p> <p>Adrian Toma, Roland Iosif Moraru and Mihai Popescu-Stealea, ACCIDENTAL, ERGONOMIC AND CHRONIC RISK ASSESSMENT TOOLS WITHIN GAÏA FRAMEWORK IN A MULTINATIONAL MANUFACTURING COMPANY</p> <p>Adrian Toma and Roland Iosif Moraru, BEHAVIOR BASED SAFETY IN ACTION: CASE STUDY AND FIELD TEST RESULTS IN SIX OIL AND GAS DRILLING RIGS IN KUWAIT</p> <p>Bogdan Ivan, Gheorghe Marilena, Stefan Sorinel Ghimisi, Roland Iosif Moraru and Larisa Butu, IMPROVING THE QUALITY OF ENVIRONMENTAL COMPONENTS IN THE VICINITY OF WASTE DEPOSITS</p> <p>Stef Dorian, Marius Mihut, Ionel Lungu, ERGONOMIC, AFFECTIVE AND EMOTIONAL DESIGN FOR EVOLUTIVE CHILDREN'S FURNITURE</p>