



**ONLINE PROGRAM OF PARALLEL SESSIONS,  
Friday, 1<sup>st</sup> Nov. 2024, 13:30 – 16:00**

**Discussions Pannel of the Articles Already Published or Under Review (brief presentation of the research)**

<b>Location</b>	<b>Office Room CE 201 ZOOM <a href="https://upt-ro.zoom.us/j/92480497642">https://upt-ro.zoom.us/j/92480497642</a></b>
<b>Time</b>	<b>Chair: Alin GAUREANU &amp; Andreea IONICA &amp; Anca DRAGHICI</b>
<b>13:30 – 16:00</b>	<p>Violeta Firescu, INCREASING COLLABORATION BETWEEN HUMANS AND TECHNOLOGY IN ORGANIZATIONS: THE NEED FOR ERGONOMICS AND SOFT SKILLS IN ENGINEERING EDUCATION 5.0</p> <p>Fabian Arun Panaite, Cosmin Rus, Monica Leba, Andreea Ionica and Michael Windisch, ENHANCING AIR QUALITY PREDICTIONS ON UNIVERSITY CAMPUSES: A MACHINE LEARNING APPROACH TO PM2.5 FORECASTING AT THE UNIVERSITY OF PETROȘANI</p> <p>Remus Sibisanu, Stanislav Cseminschi, Andreea Ionica, Monica Leba, Anca Draghici and Yunis Nassar, INVESTIGATING SCHOOL PRINCIPALS' BURNOUT: A CROSS-CULTURAL PERSPECTIVE ON STRESS, SUSTAINABILITY, AND ORGANIZATIONAL CLIMATE</p> <p>Alexandru-Ionuț Mihail, Oana-Roxana Chivu, Marilena Gheorghe, Claudia Borda and Augustin Semenescu, STUDY ON CONTINUOUS ADAPTATION AND INNOVATION THROUGH TECHNOLOGY AND ERGONOMICS TO IMPROVE HEALTH AND SAFETY AT WORK</p> <p>Maria Moga, DEFINING SIT-STANDING POSTURES: A COMPARATIVE ANALYSIS OF CHAIRLESS CHAIR DEVICES AND CONVENTIONAL SEATING ERGONOMICS</p> <p>Cristina-Mihaela Fleaca and Irina Severin, CASE STUDY ON DESIGNING ERGONOMIC TRAINING AND LEARNING ENVIRONMENTS</p> <p>Ferenc Faragó and Gyula Dr. Habil. Szabó, CORPORATE FACTORS AFFECTING WORKPLACE HEALTH AND SAFETY PERFORMANCE AND MANAGEMENT DECISIONS - A LITERATURE REVIEW</p> <p>Lucia-Antoneta Chicoș, ROLE OF DESIGN FOR ERGONOMICS AND ADDITIVE MANUFACTURING IN SIMULTANEOUS ENGINEERING</p>

**Link to the publications:**

[https://mpt.upt.ro/wp-content/uploads/2024/10/BSUPT\\_2024.pdf](https://mpt.upt.ro/wp-content/uploads/2024/10/BSUPT_2024.pdf)

<http://www.ieti.net/tes/index.html>

[https://www.mdpi.com/journal/sustainability/special\\_issues/2047ISC822#published](https://www.mdpi.com/journal/sustainability/special_issues/2047ISC822#published)



## ONLINE PROGRAM OF PARALLEL SESSIONS,

**Friday, 1<sup>st</sup> Nov. 2024, 13:30 – 14:30**

Part 1

Location	<b>Office Room CE 203</b> <b>ZOOM: <a href="https://upt-ro.zoom.us/j/94153813839?pwd=bYnLdie8Qo8gyMoCMKUmTWbsae1sG9.1">https://upt-ro.zoom.us/j/94153813839?pwd=bYnLdie8Qo8gyMoCMKUmTWbsae1sG9.1</a></b>	<b>Office Room CE206</b> <b>ZOOM: <a href="https://upt-ro.zoom.us/j/96891105822?pwd=6WQAYxX6GaQs7a0YMNBGClwppB1bQN.1">https://upt-ro.zoom.us/j/96891105822?pwd=6WQAYxX6GaQs7a0YMNBGClwppB1bQN.1</a></b>
Time	<b>Chair:</b> Cornelia BAERA & Laurentiu SLATINEANU	<b>Chair:</b> Maria BOATCA & Mihaela Ioana BARITZ
<b>13:30 – 14:30</b>	<p>Florindo-Iuliu Porge, Veronica Argesanu and Ioan-Marius Kifa, RELIABILITY OF BMS MODULE UNDER SIMULTANEOUS EXPOSURE TO HIGH TEMPERATURE AND RANDOM VIBRATIONS</p> <p>Florindo-Iuliu Porge, Veronica Argesanu and Ioan-Marius Kifa, RELIABILITY OF DC MOTOR DRIVER BOARD UNDER RANDOM VIBRATIONS AND HIGH TEMPERATURE</p> <p>Laurentiu Slatineanu, Oana Dodun, Marian Gheroghe, Margareta Coteata, Sergiu Olaru, Adelina Hrițuc and Gheorghe Nagit, THE CAPACITY OF THE GLASS TO ALLOW THE PASSAGE OF LIGHT AS AN INSURANCE FACTOR OF WORKPLACE</p> <p>Alexei Toca, Oana Dodun, Aurel Stroncea, Vitalie Besliu, Gheorghe Nagiț and Laurențiu Slătineanu, POLLUTION FACTORS IN ELECTRIC ARC WELDING</p> <p>Alin Gaureanu, Gratian Golosie and Gabriela Strauti, THE IMPACT OF COLOR ON WORKPLACE EFFICIENCY. A STUDY IN ENGINEERING OFFICES IN RESEARCH AND DEVELOPMENT</p> <p>Stefania Danila, Cristina Maria Povian, Anamaria Andreea Anghel and Heidi Monroy, ERGONOMIC STRUCTURES IN COMMUNITY SPACES AND PUBLIC PLAYGROUNDS</p>	<p>Gyuri Bodi, Mihaela Ioana Baritz, Luciana Cristea, Cornel Druga, Anca Ioana Tataru, Angela Repanovici, Adrian Catalin Lungu and Ion Pocaznoi, MONITORING OF CONTACT LENS WEARERS FOR ORTHOKERATOLOGY IN ORDER TO DETERMINE THE DEGREE OF VISUAL COMFORT</p> <p>Adile-Elena Nemoianu, Sara-Simina Bodea, Maria-Roxana Ene, Denisa-Roxana Sima, Sandra-Daniela Nemoianu and Adrian-Pavel Pugna, IMPROVING THE MANAGEMENT OF ACTIVITIES AND EMPLOYEE HEALTH USING A WEB APPLICATION</p> <p>Victor Triohin, Marius Leonard Olar, Monica Leba, Andreea Ionica and Jose Machado, PREDICTING ARM MOVEMENTS FROM TORSO ORIENTATIONS: A SUPPORT VECTOR REGRESSION APPROACH</p> <p>Ioana Antonia Tanase, Cristina Maria Povian, Anamaria Andreea Anghel and Camil Octavian Milincu, ERGONOMIC PRINCIPLES IN INCLUSIVE DESIGN: ADDRESSING THE NEEDS OF VISUALLY IMPAIRED AND SIGHTED USERS</p> <p>Gabriela-Valeria Neamtu Folea, Cristina Mohora and Dana Tilină, IMPROVING THE QUALITY WORK OF PRINTING PRESS OPERATORS FROM AN ERGONOMIC POINT OF VIEW</p>



## ONLINE PROGRAM OF PARALLEL SESSIONS, Friday, 1<sup>st</sup> Nov. 2024, 14:30 – 15: 30

### Part 2

Location	<b>Office Room CE203</b> <b>ZOOM: <a href="https://upt-ro.zoom.us/j/94153813839?pwd=bYnLdie8Qo8gyMoCMKUmTWbsae1sG9.1">https://upt-ro.zoom.us/j/94153813839?pwd=bYnLdie8Qo8gyMoCMKUmTWbsae1sG9.1</a></b>	<b>Office Room CE206</b> <b>ZOOM: <a href="https://upt-ro.zoom.us/j/96891105822?pwd=6WQAYxX6GaQs7a0YMNBGClwppB1bQN.1">https://upt-ro.zoom.us/j/96891105822?pwd=6WQAYxX6GaQs7a0YMNBGClwppB1bQN.1</a></b>
Time	<b>Chair:</b> Cornelia BAERA & Oana-Roxana CHIVU	<b>Chair:</b> Maria BOATCA & Muhammad Ibrahim ABDULLAH
14:30 – 15:30	<p>Marilena GHEORGHE, Nicoleta Merloi, Alexandra STANCU, Claudia BORDA, Dan-Florin NITOI, Liviu Marius CIRTINA, EGO STATES USED IN COMMUNICATING INFORMATION ABOUT SAFE WORKING AND THE SUCCESS OF OSH TRAINING</p> <p>Anamaria Ioana Feier, Felicia Veronica Banciu, Inês Pires, Damjan Klobčar and Oana-Roxana Chivu, RECOMMENDATIONS FOR ERGONOMICS IN THE AUTOMOTIVE SECTOR</p> <p>Demetrius Petrescu-Dubic, Oana-Roxana Chivu and Anamaria Ioana Feier, ERGONOMICS AND SECURITY AT IMES SYSTEMS</p> <p>Irina Severin and Mihai Pantazi, RISK MITIGATION APPROACH FOR OCCUPATIONAL HEALTH AND SAFETY AND EMERGENCY SITUATIONS MANAGEMENT</p> <p>Andrei Ștefan Iacob, Marilena Gheorghe, Claudia Borda, Catalina Enache, Marinela Nicoleta Marinescu and Constantin Radu, THE IMPACT OF DIGITALISATION ON WORKERS' SAFETY AND HEALTH</p>	<p>Borda Claudia, Garleanu Gabriel, Chivu Oana Roxana, Garleanu Delia, Luchian Cornelia, Marinescu Marinela Nicoleta and Butu Larisa, REDUCING ACCIDENT RISKS DURING PAPER PROCESSING BY ERGONOMICALLY DESIGNING THE PROTECTION PANELS</p> <p>Delia Rozovlean, Alberth-Calin Vasiescu and Roxana Kasai, MODELING THE INTERNATIONAL IMPACT OF UNIVERSITIES USING FUZZY LOGIC</p> <p>Vladimir Voicu, Anca Draghici and Marian Mocan, NAVIGATING THE TEMPEST – A DECISIONAL PROCESS FOR STORM DAMAGE MANAGEMENT IN RAILWAY INFRASTRUCTURE</p> <p>Ricardo P. Arciniega-Rocha, Vanessa C. Erazo-Chamorro and Gyula Szabo, THE OPERATIONAL AND TECHNOLOGICAL SAFETY AND SECURITY OF THE EUROPEAN CRITICAL INFRASTRUCTURE IN LIGHT OF ENERGY CRISES</p> <p>Zargham Ullah Khan, Jaffar Mahmood Butt, Larisa Ivascu and Muhammad Ibrahim Abdullah, RISK MATTERS: HOW EFFECTS BETWEEN IMPULSIVE, COMPULSIVE BUYING AND BRAND KNOWLEDGE</p>