



**SIMPOZION ȘTIINȚIFIC INTERNAȚIONAL MULTIDISCIPLINAR  
INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC SYMPOSIUM**

## **”UNIVERSITARIA SIMPRO 2018”**

SUB EGIDA/ UNDER THE AUSPICES:

**MINISTERULUI EDUCAȚIEI NAȚIONALE /MINISTRY OF NATIONAL EDUCATION  
ACADEMIA OAMENILOR DE ȘTIINȚĂ DIN ROMÂNIA/ ACADEMY OF ROMANIAN SCIENTISTS  
ACADEMIA DE ȘTIINȚE TEHNICE DIN ROMÂNIA/ ACADEMY OF TECHNICAL SCIENCES OF ROMANIA  
ASOCIAȚIA GENERALĂ A INGINERILOR DIN ROMÂNIA/ GENERAL ASSOCIATION OF ENGINEERS IN ROMANIA**

IN PARTENERIAT CU/ IN PARTNERSHIP WITH:

**Autoritatea Națională pentru Cercetare Științifică/National Authority for Scientific Research  
Consiliul Județean Hunedoara/ Hunedoara County Council,  
Inspecția Muncii/Labour Inspectorate  
Czestochowa University of Technology  
Opole University Of Technology  
„Aurel Vlaicu” University Of Arad  
Asociația Absolvenților Universității din Petroșani, ALUMNI  
/ALUMNI Association of the University of Petroșani  
Sindicatul CDPM / CDPM Union**

## **SYMPOSIUM PROGRAM**



**11 – 13 OCTOBER, 2018**

**PETROȘANI**

# UNIVERSITARIA SIMPRO 2018

## - SYMPOSIUM PROGRAM -

### **Thursday, 11 October 2018 / Joi, 11 octombrie 2018**

17<sup>00</sup> -19<sup>00</sup> Registration / Înregistrarea participanților, **Corp/Building C**  
19<sup>00</sup> Welcome Cocktail / Recepția de primire, **University Restaurant**

### **Friday, 12 October 2018 / Vineri, 12 octombrie 2018**

08<sup>00</sup> - 9<sup>30</sup> Registration / Înregistrarea participanților, **Aula Magna Hall**

09<sup>30</sup> -10<sup>15</sup> Opening ceremony / Festivitatea de deschidere, **Aula Magna**

10<sup>15</sup> -10<sup>45</sup> Coffe break / Pauză de cafea

10<sup>45</sup> -12<sup>30</sup> Plenary lectures / Lucrări în plen, **Aula Magna**

12<sup>30</sup> -14<sup>00</sup> Lunch break / Pauză de masă, **University Restaurant**

14<sup>00</sup> -18<sup>30</sup> Parallel sessions / Prezentarea lucrărilor pe secțiuni

19<sup>00</sup> Gala dinner / Masă festivă, **“Belle Epoque” Restaurant**

### **Saturday, 13 October 2018 / Sâmbătă, 13 octombrie 2018**

*(For guests from abroad)*

08<sup>30</sup> - 18<sup>30</sup> Field trip to Alba –Iulia, historical and cultural heritage visit (Guided tour of Alba Carolina Fortress)/ Excursie la Alba - Iulia și vizitarea unor obiective istorice și culturale

**Departure / Plecare – Corp/Building C**



*11-13 OCTOBER 2018*

*UNIVERSITY OF PETROȘANI*

**VIVAT, CRESCAT, FLOREAT!**

# INVITED KEYNOTE SPEAKERS

*Aula Magna Hall, Building A, date 12.10.2018, hrs. 10:45 – 12:30*

## **1. SUSTAINABLE DEVELOPMENT - NEVER FULFILLED DREAM**

*Keynote Speaker: Dr h.c. dr hab. Inż. Prof. P.Cz. JANUSZ K. GRABARA, Czestochowa University of Technology, Faculty of Management, POLAND*



## **2. THE TREE PILLARS OF ECONOMIC INTELLIGENCE**

*Keynote Speaker: Prof. JEAN-JACQUES WAGNER, Dr h.c., IUT Belfort-Montbéliard, Université de Bourgogne Franche-Comté (France), Commandant de Gendarmerie (RC), Vice Président IHEDN AR10, FRANCE.*



## **3. A PROPOSE APPROACH FOR CONTINUOUS IMPROVEMENT USING ERGONOMICS AND QUALITY MANAGEMENT KNOWLEDGE AND METHODOLOGIES**

*Keynote Speaker: Prof.univ.dr.ing. Anca DRĂGHICI, University Politehnica of Timișoara, Faculty of Management in Production and Transportation, Department of Management, Ambassador of the European Certification and Qualification Association (ECQA) in Romania, member of the European Manufacturing and Innovation Research Association (EMIRAcle).*



## **4. LIMITATIONS AND ERROR MITIGATION FOR MINE CLIMATE MODELS WITH NO THERMAL HISTORY COMPONENT**

*Keynote Speaker: Professor, Ph.D. Georgo DANKO, Mining Engineering Department, Mackay School of Mines, University of Nevada, Reno, U.S.A.*



## **5. DIGITAL PUBLIC SECTOR AUDITING: A LOOK INTO THE FUTURE**

*Keynote Speaker: Professor, Ph.D., Tatiana ANTIPOVA, Institute of Certified Specialists, Perm, RUSSIA*

## **6. UNIVERSITĂȚILE MOLDOVENEȘTI ÎN SPAȚIUL MONDIALIZAT AL ÎNVĂȚĂMÂNTULUI SUPERIOR**

*Keynote Speaker: Prof.univ.dr.habil. ing. D.H.C. Valentin RĂILEAN, Rector of Imi-Nova International Management Institute, REPUBLIC OF MOLDOVA*



# PARALLEL SESSIONS

FRIDAY 12.10.2018, 14<sup>00</sup> – 18<sup>30</sup>

<b>1. ADVANCES IN SAFETY SCIENCE AND OCCUPATIONAL RISK MANAGEMENT</b>	
<b>1.1. ADVANCES IN SAFETY SCIENCE AND OCCUPATIONAL RISK MANAGEMENT 1</b>	
<b>Location: Conference Hall, University Library Building</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Prof.dr. Lucian-Ionel CIOCA, Prof. dr. George DANKO</b>	
1	<i>Luc SCHOONAKER, AMEROPA HSE management</i>
2	<i>Lanchava Omar, Ilias Nicolae, Nozadze Giorgi, Radu Sorin, HEAT AND HYGROSCOPIC MASS EXCHANGE MODELING FOR SAFETY MANAGEMENT IN TUNNELS OF METRO</i>
3	<i>Giorgi NOZADZE, DYNAMICS OF SPREAD OF FIRE-RELATED HARMFUL FACTORS IN METRO TUNNELS DURING A FORCED STOPPAGE OF THE METRO TRAIN</i>
4	<i>Mihaela Laura Bratu, Lucian-Ionel Cioca, MANAGERIAL STRATEGIES FOR OPTIMIZING ERGONOMICS IN ORGANIZATIONS, TAILORED TO THE PERSONALITY OF ENGINEERS, TO IMPROVE THE QUALITY OF LIFE AND SECURITY OF EMPLOYEES</i>
5	<i>Dragoş Gabriel Vasilescu, Robert Laszlo, Attila Kovacs, Cristian Radeanu and Olga Miclea, PROSPECTIVE AND EXPLORATORY RESEARCH IN THE QUALITY FIELD OF INDUSTRIAL RISK ASSESSMENT AND ANALYSIS</i>
6	<i>Doru Costin Darabont, Costica Bejinariu, Constantin Baciu and Mihai-Adrian Bernevig-Sava, MODERN APPROACHES IN INTEGRATED MANAGEMENT SYSTEMS OF QUALITY, ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY</i>
7	<i>Bianca Cîrjaliu, Anca Mocan, Boatca Maria - Elena and Anca Draghici, A PROPOSE APPROACH FOR CONTINUOUS IMPROVEMENT USING ERGONOMICS AND QUALITY MANAGEMENT KNOWLEDGE AND METHODOLOGIES</i>
8	<i>Alin Gaureanu, Anca Draghici and Hugo Weinschrott, INCREASING THE QUALITY OF OCCUPATIONAL SAFETY AND HEALTH IMPLEMENTATIONS THROUGH AWARENESS TRAINING FOR THOSE INVOLVED IN IMPLEMENTING THE SAFETY OBSERVATION REPORT</i>
9	<i>Andrian Batugin, Konstantin Kolikov and Alexander Ivannikov, TRANSFORMATION OF THE GEODYNAMIC HAZARD MANIFESTATION FORMS IN MINING AREAS</i>
10	<i>Zerbeş Mihai-Victor, Cioca Lucian-Ionel, Neamu Vasilica-Silvia, DEVELOPING A MODEL OF OCCUPATIONAL HEALTH PROGRAM</i>
11	<i>Zerbeş Mihai-Victor, Cioca Lucian-Ionel, Neamu Vasilica-Silvia, OCCUPATIONAL HEALTH PROGRAMS AND WORKPLACE ABSENTEEISM</i>
12	<i>Mihai-Adrian Bernevig-Sava, Doru Costin Darabont, Nicoleta Monica Lohan, Elena Mihalache and Costica Bejinariu, SELECTION AND VERIFICATION OF PERSONAL PROTECTIVE EQUIPMENT IN THE CONTEXT OF CURRENT LEGAL REQUIREMENTS</i>
13	<i>Paul Ciubotariu-Ana, Mihai-Adrian Bernevig-Sava, Nicoleta-Monica Lohan and Costică Bejinariu, STUDY ON INCREASING THE THERMAL PROTECTION OF HIGH-TEMPERATURE HELMETS USED BY FIREFIGHTERS</i>
<b>16<sup>15</sup> Coffee break</b>	
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: Prof.dr. Anca DRĂGHICI, Dr.eng. Doru-Costin DARABONT</b>	
14	<i>Izabella Kovacs, Daniel Pupăzan, Cristian Nicolescu, Alin Irimia, Andrei Gireadă and Cosmin Ilie, RESEARCH ON PSYCHOLOGICAL INDICATORS INVOLVED IN RESCUE ACTIVITIES</i>
15	<i>Costica Bejinariu, Diana-Petronela Burduhos-Nergis, Nicanor Cimpoesu, Mihai-Adrian Bernevig-Sava, Stefan-Lucian Toma, Doru-Costin Darabont and Constantin Baciu, STUDY ON THE ANTICORROSIVE PHOSPHATED STEEL CARABINERS USED AT PERSONAL PROTECTIVE EQUIPMENT</i>
16	<i>Boatca Maria - Elena and Drăghici Anca, ROLE OF ERGONOMICS IN SUSTAINABLE DEVELOPMENT</i>
17	<i>Ilie Mihai Taucean, Larisa Ivascu, Serban Miclea, Mircea Liviu Negrut, SYNERGIES BETWEEN LEAN AND SUSTAINABILITY: A LITERATURE REVIEW OF CONCEPTS AND TOOLS</i>
18	<i>George Danko, LIMITATIONS AND ERROR MITIGATION FOR MINE CLIMATE MODELS WITH NO THERMAL HISTORY COMPONENT</i>
19	<i>Lorand Toth, George Artur Găman, Angelica Călămar, Daniel Pupăzan, Cristian Nicolescu and Izabella Kovacs, ELEMENTS OF DISASTER MANAGEMENT AND FIRST AID</i>

20	<i>Cristian Tomescu, Doru Cioclea, Ion Gherghe, Emeric Chiuzan and Marius Morar, DETERMINATION OF DANGER, RISK AND FIRE VULNERABILITY PARAMETERS. NUMERICAL SIMULATION IN FIRE EXTINCTION</i>
21	<i>Constantin Baci, Costica Bejinariu, Doru Costin Darabont, Anisoara Corabieru and Mihai-Adrian Bernevig-Sava, OCCUPATIONAL SAFETY AND HEALTH AUDIT BETWEEN THEORY, LEGAL REQUIREMENTS AND PRACTICE</i>
22	<i>Sorin Simion, Marius Kovacs, Lorand Toth, Alexandru Simion and Maria Badescu, MONITORING WORKER'S EXPOSURE TO PHYSICOCHEMICAL POLLUTANTS TO PREVENT OCCUPATIONAL ILLNESS</i>
23	<i>Gheorghe - Daniel Florea, Nicolae - Ioan Vlasin, Zoltan Vass, Bogdan Adrian Şimon and Ligia Ioana Tuhuş, COMPUTATIONAL SIMULATIONS OF THE TRANSPORT AND IGNITION OF METHANE IN ENCLOSED SPACES</i>
24	<i>Daniela Carmen Rus, Emilian Ghicioi, Robert Laszlo, Cristian Rădeanu, Attila Kovacs and Gabriel Vasilescu, ASSESSING THE QUALITY SAFETY PERFORMANCE OF THE DEFLAGRATION - DETONATING TRANSIENT BEHAVIOR SPECIFIC TO CLASS 1 HAZARDOUS MATERIALS, ACCORDING TO ORANGE BOOK</i>
<b>1.2. ADVANCES IN SAFETY SCIENCE AND OCCUPATIONAL RISK MANAGEMENT 2</b>	
<b>Location: Periodicals Hall, University Library Building</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Conf.dr. Gabriel BĂBUŢ, Dr.eng. Vlad Mihai PĂSCULESCU</b>	
1	<i>Vlad Mihai Păsculescu, Emilian Ghicioi, Marius Simion Morar, Dragoş Păsculescu, Marius Cornel Şuvar, COMPUTATIONAL STUDY FOR IMPROVING THE QUALITY OF SAFETY MEASURES FOR LPG FILLING STATIONS</i>
2	<i>Marius Cornel Suvar, Emilian Ghicioi, Laurenţiu Munteanu, Vlad Mihai Păsculescu, Gheorghe Daniel Florea, Niculina Sonia Suvar, Aurelian Nicola, COMPUTATIONAL STUDY ON THE QUALITY OF THE SUPPRESSION EFFECT OF SPRINKLERS ON BUILDING FIRES SPREAD AND INTERACTION WITH SMOKE LAYERS</i>
3	<i>Diana-Petronela Burduhos-Nergis, Carmen Neşneru, Ramona Cimpoesu, Alin-Marian Cazac, Constantin Baci, Doru-Costin Darabont and Costica Bejinariu, ANALYSIS OF CHEMICALLY DEPOSITED PHOSPHATE LAYER ON THE CARABINERS STEEL SURFACE USED AT PERSONAL PROTECTIVE EQUIPMENT</i>
4	<i>Anisoara Corabieru, Elena Mihalache, Mihai-Adrian Bernevig-Sava and Nicoleta-Monica Lohan, PIPE MANUFACTURING PROCESS NOISE AND VIBRATION DETERMINATION CASE STUDY</i>
5	<i>Gabriel Bujor Băbuţ, Roland Iosif Moraru, MANAGING THE ACTIVITIES OF AUTHORIZATION TO PRACTICE TRADES AND PROFESSIONS IN TERMS OF SAFETY AND HEALTH AT WORK</i>
6	<i>Nicoleta CRĂCIUN, Alina TRIFU, REDUCING THE RISK OF SLIPPING ON ICE BY SELECTING APPROPRIATE PROTECTIVE FOOTWEAR</i>
7	<i>Alin Irimia, Sorin Burian, Florin Păun, Dan Gabor and Marius Darie, TESTING THE TEMPERATURE PROOF OF SELF-CONTAINED BREATHING APPARATUS, BASED ON COMPRESSED AIR</i>
8	<i>Georgeta Buică, Antonov Anca Elena, Constantin Beiu, Dragos Păsculescu, Mircea Risteiu, MANAGEMENT OF ELECTRICAL EQUIPMENT AND PROTECTIVE DEVICES USED IN ELECTRICAL INSTALLATIONS</i>
9	<i>Anca Elena Antonov, Georgeta Buica, Constantin Beiu, Raluca Aurora Stepa, MANAGEMENT OF DANGEROUS SUBSTANCES RELEASED BY MACHINERY, CONDITION TO ENSURE SAFETY AND WORKERS' HEALTH AND ENVIRONMENTAL</i>
10	<i>Dan Gabor, Sorin Mihai Radu, Emilian Ghicioi, Mihaela Paraian, Adrian Marius Jurca, Niculina Vataavu, Florin Paun and Catalin Mihai Popa, STUDY OF METHODS FOR ASSESSMENT OF THE IGNITION RISK OF DUST/AIR EXPLOSIVE ATMOSPHERES BY ELECTROSTATIC DISCHARGE</i>
11	<i>Cristian Rădeanu, Attila Kovacs, Daniela Rus, Ilie - Ciprian Jitea and Dragos Gabriel Vasilescu, INCREASE IN THE SECURITY QUALITY IN USE OF PROFESSIONAL PYROTECHNIC ARTICLES FALLING IN CATEGORY F4</i>
<b>16<sup>15</sup> Coffee break</b>	
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: Prof.dr. Omar LANCHAVA, Lecturer Mihai POPESCU-STELEA</b>	
12	<i>Ilie - Ciprian Jitea, Dragos Gabriel Vasilescu, Robert Laszlo, Cristian Raul Cioara and Claudia Miron, IMPROVING THE QUALITY FOR CLASSIFICATION OF PYROTECHNIC ARTICLES ON THE BASIS OF PYROTECHNIC COMPOSITION CONTENT</i>

13	<i>Marius Darie, Sorin Burian, Tiberiu Csaszar, Cosmin Colda and Dănuț Grecea, CONSIDERATIONS ON LOW CURRENT CIRCUITS PROFICIENCY TESTS WITH EXPLOSIVE GAS MIXTURES</i>
14	<i>Gireada Andrei-Lucian, Găman George Artur, Nicolescu Cristian, Ilie Cosmin, Irimia Alin and Kovacs Izabella, RESEARCH ON ESTABLISHING THE PHYSICAL EFFORT OF RESCUERS ACCORDING TO THE ACTIVITY PERFORMED AND TYPE OF RESPIRATION PROTECTION EQUIPMENT</i>
15	<i>Florina Luminita Besnea, Stefan-Irinel Cismaru and Nicu-George Bizdoaca, OPERATING ENVIRONMENT IN AUGMENTED REALITY MAINTENANCE APPLICATIONS</i>
16	<i>Joanna Tabor, APPLICATION THE FUZZY TOPSIS METHOD TO ASSESS AND SELECT A CONTRACTOR FROM THE POINT OF VIEW OF OCCUPATIONAL SAFETY MANAGEMENT</i>
17	<i>Gabriel Bujor BĂBUȚ, Roland Iosif MORARU, Popescu Stelea Mihai, Babut Andrada Denisa, IMPROVING DRAINED GAS QUALITY PARAMETERS THROUGH OPTIMAL MANAGEMENT OF METHANE DRAINAGE SYSTEMS</i>
18	<i>Szollósi- Mota Andrei, Ghicioi Emilian, Prodan Maria, Nalboc Irina and Suvar Sonia, DETERMINATION OF FLAMMABILITY PARAMETERS AND BURNING GASES, IN ORDER TO REDUCE RISKS IN THE FIRE OR EXPLOSION TYPE EVENTS</i>
19	<i>Edward Gheorghiosu, Emilian Ghicioi, Robert Laszlo, Attila Kovacs, Cristian Rădean and Dan Gabor, CHECKING THE QUALITY OF THE ELECTRIC IGNITER - PYROTECHNIC ARTICLE OF CATEGORY P1, BY LABORATORY METHODS APPLIED TO DETERMINE THE SENSITIVITY TO ELECTROSTATIC DISCHARGE</i>
20	<i>Cosmin Ilie, Daniel Pupăzan, Cristian Nicolescu, Alin Irimia, Andrei Gireadă, Izabella Kovacs, RESEARCHES ON THE DEVELOPMENT OF SPECTROSCOPY TECHNOLOGY USED IN THE PROCESS OF PRESSURE NETWORKS TECHNICAL VERIFICATION</i>
21	<i>Niculina-Sonia Șuvar, Emilian Ghicioi, Irina Nălboc, Andrei Szollosi-Moța and Maria Prodan, IDENTIFICATION OF BURNING ACCELERATORS IN INVESTIGATION OF FIRES USING THE INFRARED SPECTROSCOPY METHOD (FTIR)</i>
22	<i>Radu Mares, Mihai Popescu - Stelea, Roland Iosif Moraru , Gabriel Bujor Băbuț, Mariana Nagy, EMPLOYEES PROTECTION IN MAINTENANCE ACTIVITIES. A STATISTIC IMAGE</i>
23	<i>Fîță Nicolae Daniel, Păsculescu Dragoș, Moraru Roland, IDENTIFICATION OF RISK SCENARIOS ON CRITICAL INFRASTRUCTURES OF ULTRA HIGH AND VERY HIGH VOLTAGE FOR THE PURPOSE OF RISK ASSESSMENT AND QUALITY IMPROVEMENT OF THE NATIONAL POWER GRID</i>
24	<i>Nicolae Bancila-Afrim, Roland Iosif Moraru, Lucian - Ionel Cioca, Gabriel Bujor Babut, ACCIDENTS AT WORK AMONG INDUSTRIAL PRESSES OPERATORS: ANALYSIS OF STATISTICS IN NORTH-WESTERN REGION OF ROMANIA</i>
25	<i>Abashidze Guram, Ilias Nicolae, Roland-Iosif Moraru, Tsverava David, THE POSSIBILITY OF SAFETY IMPROVEMENT THROUGH EXOGENOUS FIRE PREDICTION IN MINE WORKINGS AND TRANSPORT TUNNELS</i>

## **2. CHALLENGES IN MINING ENGINEERING, SURVEYING AND CIVIL ENGINEERING**

**Location: A8 Amphitheater, Building B**

**14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Prof.dr. Mihaela TODERAȘ, Professor Jozsef MOLNAR**

1	<i>Emeric Chiuзан, George Artur Gaman, Cristian Tomescu , Adrian Matei, Razvan Dragoescu, ANALYSIS OF THE METHODS OF EXPLOITATION APPLIED TO ROMANIAN SALT MINES</i>
2	<i>Marius Simion Morar, Doru Cioclea, Cristian Raul Cioara and Vlad Mihai Pasculescu UNDERGROUND ENVIRONMENT OPTIMIZATION USING SPECIALIZED PROGRAMS</i>
3	<i>Bușe Florian, Bușe Gheorghe Florin, THE IMPACT OF THE INTEGRATED TECHNICAL SYSTEM ON THE QUALITY OF CONSTRUCTION WORKS</i>
4	<i>Florin Rădoi, Ion Gherghe, Emeric Chiuзан, Adrian Matei and Răzvan Drăgoescu, EFFICIENCY OF INDUSTRIAL VENTILATION INSTALLATIONS</i>
5	<i>Adrian Matei, Răzvan Drăgoescu, Doru Cioclea, Emeric Chiuзан and Florin Radoi ANALYSIS OF EXPLOSIVE ENVIRONMENTS THAT INTERRACTS WITH INDUSTRIAL VENTILATION SYSTEMS</i>
6	<i>Doru Cioclea, Nicolae Ianc, Marius Morar, Adrian Matei and Răzvan Drăgoescu, EFFICIENCY OF COMPLEX VENTILATION NETWORKS</i>

7	<b>Robert Laszlo, Edward Gheorghiosu, Dragos Gabriel Vasilescu, Ilie Ciprian Jitea and Attila Kovacs, INCREASING THE SAFETY, QUALITY AND EFFICIENCY OF DEMOLITION / DISMANTLING OF METAL STRUCTURES BY USING BLASTING WORKS</b>
8	<b>Ion Gherghe, Doru Cioclea, Cristian Tomescu, Florin Rădoi, Corneliu Boantă and Emeric Chiuzan, FANS, SPECIFIC OPERATIONAL PARAMETERS OF INDUSTRIAL VENTILATION INSTALLATIONS</b>
9	<b>Nicolae Ianc, Florin Radoi, Emeric Chiuzan, Adrian Matei and Razvan Dragoescu, THE IMPACT ON THE ENVIRONMENT PRODUCED BY THE METHANE GAS RELEASED IN THE JIU VALLEY COAL MINES</b>
<b>16<sup>15</sup> Coffee break</b>	
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: Dr.eng. Doru CIOCLEA, Professor Akos DEBRECENI</b>	
10	<b>Kocsis C. Karoly, Roghanchi Pedram, Teixeira B. Marcelo, Parrish Jacob, Scalise Kyle, SENSITIVITY ANALYSIS ON MAJOR HEAT SOURCES AND EVALUATION OF COOLING SYSTEMS TO PROVIDE ADEQUATE WORK CONDITIONS IN UNDERGROUND METAL MINES</b>
11	<b>Jozsef Molnar, Ákos Debreczeni, Richárd Tompa., CHALLENGES AND OPPORTUNITIES OF UNDERGROUND COAL MINING IN NORTH-EASTERN HUNGARY</b>
12	<b>Gelu Madear, Camelia Madear, PROBABILISTIC APPROACHES IN TUNNEL DESIGN</b>
13	<b>Gelu Madear, Camelia Madear, LOADS ESTIMATION IN BLOCK CAVING MINING</b>
14	<b>S.A. Lutsenko, S.A. Zhukov, PLANNING THE DEVELOPMENT OF MINING OPERATIONS UNDER THE CHANGING DEMAND FOR IRON ORE PRODUCTS</b>
15	<b>Attila Kovacs, Emilian Ghicioi, Florea Dinu, Ilie Ciprian Jitea and Robert Laszlo, ANALYSIS OF THE BEHAVIOR OF METALLIC STRUCTURES OF MULTI-LEVEL BUILDINGS WHEN EXPOSED TO DYNAMIC EFFECTS DUE TO EXPLOSIVE DETONATION</b>
16	<b>Toderas Mihaela, Danciu Ciprian, ASSESSMENT METHODOLOGY OF INSTANTANEOUS ELASTIC DEFORMATION OF SEDIMENTARY ROCKS</b>
17	<b>Filip Larisa, THE DEVEPELOMENT OF MINERAL TIANGULATION NETWORKS USING A SIMPLIFIED CALCULATION PROCESS</b>
18	<b>Zhukov S.A., Skachkov A. A., Titov D.A. IMPROVEMENT OF BLASTING OPERATIONS IN OPEN PIT BY DIFFERENTIAL STRAIN AND SYMMETRICAL BLASTING OF THE ROCK</b>
19	<b>Danciu Ciprian, Toderas Mihaela, Lorint Csaba, Florea Adrian, CHARACTERIZATION AND CLASSIFICATION OF ANDESITES OF CRISCIOR AND ALBINI FROM SOUTHERN APUSENI MOUNTAINS, FOR CAPITALIZATION</b>
<b>3. SUSTAINABLE ENVIRONMENTAL ENGINEERING AND PROTECTION</b>	
<b>Location: LEZ (Open-Pit Mining Laboratory, Building C</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Prof.dr. Maria LAZĂR, Prof.dr. Teodora HRISTOVA</b>	
1	<b>Nikolay Savov, Teodora Hristova, Petya Gencheva, EXPLORING POSSIBLE ACCIDENTS AND RECOMMENDATIONS FOR BIOLOGICAL WASTE TREATMENT INSTALLATIONS</b>
2	<b>Florin Adrian Paun, Mihaela Paraian, Adrian Marius Jurca, Dan Gabor, Niculina Vatavu and Catalin Mihai Popa, SELECTION OF PERSONAL PROTECTIVE EQUIPMENT FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES</b>
3	<b>Cătălin Mihai Popa, Silviu Marin Nan, Mihaela Părăian, Adrian Marius Jurca, Florin Adrian Păun, Leonard Lupu, Niculina Vătavu, Dan Gabor, STUDY OF EXPLOSIVE CHARACTERISTICS OF COMBUSTIBLE POWDERS</b>
4	<b>Niculina Vatavu, Emilian Ghicioi, Sorin Vatavu, Mihaela Paraian, Adrian Jurca, Florin Paun, Dan Gabor and Cătălin Mihai Popa, RESEARCH ON THE IDENTIFICATION OF THE DANGERS OF DUST AND WATER ENTERING EQUIPMENT FOR POTENTIALLY EXPLOSIVE ATMOSPHERES</b>
5	<b>Alexandru Florin Simion, Angelica Nicoleta Calamar, Lorand Toth, Marius Kovacs and Sorin Simion, RESEARCHES ON THE MACROELEMENTS CONTENT FROM JIU VALLEY COAL ASH</b>
6	<b>Marius Kovacs, Angelica-Nicoleta Călămar, Lorand Toth, Sorin Simion, Alexandru Simion, Kovacs Izabella, OPPORTUNITY OF USING DRONES EQUIPPED WITH SENSORS FOR MEASUREMENT OF COMBUSTION GASES</b>
7	<b>Maria Lazăr, QUALITY OF THE ENVIRONMENT - THE RESULT OF THE INTERACTION BETWEEN TECHNOLOGICAL PROGRESS AND EDUCATION</b>
8	<b>Andrei-Cristian Lupu, Marius Gabriel Petrescu, EQUIPMENT FOR WATER OZONIZATION IN FISH BREEDING PONDS</b>

9	<i>Andrei-Cristian Lupu, Marius Gabriel Petrescu, PLANT FOR IMPROVING WATER QUALITY IN JUVENILE FISH PONDS</i>
10	<i>Andrei-Cristian Lupu, Marius Gabriel Petrescu, MOBILE AUTONOMOUS AERATOR</i>
11	<i>Roland Romenda, Zoltán Virág, Tamás Magyar, MECHANICAL PROCESSING METHODS OF WASTE ELECTRONIC AND ELECTRICAL EQUIPMENT WITH SPECIAL REGARDS TO NIR SEPARATION</i>
12	<i>Andreea Adriana Petcov, Camen Dorin, Moatăr Mihaela, Petolescu Cerasela, Turc Alina, Sasu Andreia, NITRITE CONTENT IN THE SAMPLES COLLECTED FROM IN LAND SURFACE WATERS IN GRADINARI VILLAGE</i>
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: Conf. Dr. Emilia DUNCA, Prof.dr. Vladimír HORÁK</b>	
13	<i>Lucian-Ionel Cioca, Larisa Ivascu, Szilard Szekely, CHALLENGES AND OPPORTUNITIES ASSOCIATED WITH WASTE RECYCLING DEVELOPMENT IN ROMANIA</i>
14	<i>Ileana-Sorina Rakos, Sorinel Căpușneanu, Dana-Maria (Oprea) Constantin, Dan Ioan Topor, Elena Bogan, IMPROVE AIR QUALITY MANAGEMENT BY MONITORING AND ASSESSING HEAVY METAL EMISSIONS. CASE STUDY: HUNEDOARA COUNTY, ROMANIA</i>
15	<i>Pavla Hlavatá, Karla Meixnerová, Vladimír Horák, Jiří Kosek, INFLUENCE OF THERMAL CONDITIONS IN A QUARRY ON THE LOCAL CLIMATE.</i>
16	<i>Faur Florin, Lazăr Maria, Nyari (Apostu) Izabela-Maria, SUBSTANTIATING THE DECISION REGARDING THE ECOLOGICAL RECONSTRUCTION OF MINING WASTE DUMPS – CASE STUDY FOR LUPENI DUMP</i>
17	<i>Camelia Madear, Gelu Madear, CLAY LINER DESIGN OF A LANDFILL IN JIU VALLEY BASED ON DETERMINISTIC &amp; STOCHASTIC RISK ANALYSIS</i>
18	<i>Camelia Madear, Gelu Madear, RISK-BASED REMEDIAL TARGETS FOR CONTAMINATED LAND</i>
19	<i>Camelia Madear, Gelu Madear, Sorin Mihai Radu, CONSTRUCTION QUALITY ASSURANCE AND QUALITY CONTROL AT LANDFILLS</i>
20	<i>Camelia Madear, Gelu Madear, DESIGN OF LEACHATE COLLECTION SYSTEM USING MONTE CARLO SIMULATION</i>
21	<i>Corina Dufour, Larisa Ivascu, Adrian Mateescu and Anca Drăghici, A PROPOSED INVENTORY OF SUSTAINABLE DEVELOPMENT INDICATORS FOR THE MANUFACTURING PROCESS ASSESSMENT</i>
22	<i>Buia Grigore, Nimară Ciprian, QUALITY ASSESSMENT OF PETROȘANI URBAN LANDSCAPE</i>
23	<i>Daniela Ionela Ciolea, Emilia Cornelia Dunca, THE UNDERGROUND SPACE, A SOLUTION FOR THE PROTECTION OF THE ENVIRONMENT</i>
24	<i>Apostu Izabela Maria, Lazar Maria, Faur Florin, VISUAL ANALYSIS OF DEFORMATIONS FROM THE QUARRY AND INNER DUMP STEPS FROM NORTH PESTEANA MINING PERIMETER</i>
<b>4. INNOVATIONAL CHALLENGES IN ELECTRICAL ENGINEERING AND ENERGETICS TECHNOLOGY</b>	
<b>Location: L8 Laboratory, Building B</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Conf. dr. Dragoș PĂSCULESCU, Dr. ing. Sorin BURIAN</b>	
<b>16<sup>15</sup> Coffee break</b>	
1	<i>Niculescu Titu, Păsculescu Dragoș, QUALITY IMPROVEMENT OF SWITCHING PARAMETERS AT SWITCHING WITH DC HYBRID BREAKER</i>
2	<i>Pană Leon, Pasculescu Dragos, Florentiu Deliu, MANAGEMENT OF THE OPTIMAL OPERATING STATES OF ELECTRICAL DISTRIBUTION STATIONS</i>
3	<i>Dănuț Grecea, Sorin Burian, Marius Darie, Tiberiu Csaszar, Cosmin Colda, Adriana Andris, Gabriela Pupăzan and Lucian Moldovan, ISSUES CONCERNING THE REQUIREMENTS FOR THE ACHIEVEMENT OF A SPARK TEST APPARATUS SIMULATOR FOR LINEAR CIRCUITS</i>
4	<i>Lucian Moldovan, Sorin Burian, Mihai Magyari, Dragos Fotau, Marcel Rad and Diana Salasan, CONSIDERATIONS REGARDING THE ASYMMETRIC PULSE AND ASYMMETRIC POWER TESTS OF ELECTRONIC BALLASTS FOR FLUORESCENT LUMINAIRES WITH TYPE OF PROTECTION INCREASED SAFETY “E” DESIGNED FOR USE IN EXPLOSIVE ATMOSPHERES</i>
5	<i>Marcel Daniel Rad, Sorin Burian, Mihai Magyari, Lucian Moldovan, Dragos Fotau and Diana Salasan, STUDY AND EVALUATION OF REQUIREMENTS FOR BREATHING AND DRAINING DEVICES</i>



6	<b>Dragoş Fotau</b> , Sorin Burian, Mihai Magyari, Lucian Moldovan, Marcel Daniel Rad and Diana Salasan, <i>THERMAL ENDURANCE TESTS PERFORMED ON EQUIPMENT USED IN POTENTIALLY EXPLOSIVE AREAS</i>
7	Cosmin Colda, Sorin Burian, <b>Marius Darie</b> , Tiberiu Csaszar and Danut Grecea, <i>CONSIDERATIONS ABOUT THE ENCAPSULATED EQUIPMENT TESTS</i>
8	<b>Mihai Magyari</b> , Sorin Burian, Lucian Moldovan, Dragoş Fotau and Marcel Daniel Rad, <i>INFLUENCE OF THE VOLUME AND GEOMETRICAL SHAPE OF LARGE ELECTRIC MOTOR ENCLOSURES ON THE EXPLOSION PRESSURES WHEN TESTED IN EXPLOSIVE MIXTURES</i>
9	Adriana Andriş, Constantin Sorin Burian, <b>Marius Darie</b> , Tiberiu Atila Csaszar, Iosif Lucian Moldovan, Cosmin Ioan Colda, Dănuţ Nicolae Grecea and Gabriela Pupazan, <i>ASPECTS ON SMALL COMPONENTS IGNITION TEST USING EXPLOSIVE GAS MIXTURES</i>
10	<b>Stochitoiu Maria Daniela</b> , Utu Ilie, <i>THE LIMITS OF ELECTRICAL GRID FOR INCREASING THE QUALITY IN THREE PHASES SYSTEMS THROUGH THE POWER FLOW CONTROL</i>
<b>16<sup>30</sup> – 18<sup>15</sup> Chairpersons: Conf.dr. Titu NICULESCU, Conf.dr. Remus DOBRA</b>	
11	Stochitoiu Maria Daniela, <b>Marcu Marius Daniel</b> , <i>INNOVATIVE AND QUALITY SOLUTIONS WITH HVDC AND FACTS – FACE TO THE NEW CHALLENGES</i>
12	<b>Mariana Dumitrescu</b> , <i>INFLUENCE OF POWER QUALITY AND EFFICIENCY FOR AN ENERGY DELIVERY SYSTEM REAL STUDY CASE APPLICATION</i>
13	<b>Mariana Dumitrescu</b> , <i>INTELLIGENT ELECTRICAL MICRO NETWORK APPLICATION WITH DISTRIBUTED ENERGY RESOURCES</i>
14	Krasimir Marinov Ivanov, Tsviatko Kolev Varbov, Georgi Tsonev Velev, Panayot Ivanov Yankov, <i>STUDY OF THE ELECTROMAGNETIC COMPATIBILITY PARAMETERS OF LED LIGHTING SOURCES</i>
15	<b>Dragos Pasculescu</b> , Leon Pana, Georgeta Buica, Vlad Mihai Pasculescu and Remus Dobra, <i>A QUALITY-BASED APPROACH FOR IMPROVING THE LIGHTING DESIGN PROCESS</i>
16	<b>Marius-Daniel Marcu</b> , Florin Gabriel Popescu, Titu Niculescu, Razvan-Ioan Slusariuc, Maria Daniela Stochitoiu, <i>QUALITY MANAGEMENT ALGORITHM USED IN A PROGRAMMABLE MICROCONTROLLER AS MAXIMUM POWER POINT TRACKER</i>
17	<b>Titu Niculescu</b> , Florin Gabriel Popescu, Marius Marcu, Ioan Razvan Slusariuc, <i>IMPROVING THE QUALITY OF MEASUREMENTS IN ELECTRICAL PROCESSES USING NI USB DATA ACQUISITION SYSTEMS</i>
18	<b>Mircea Risteiu</b> , Remus Dobra, Constantin Hutanu, Dragoş Pasculescu, Constantin Beiu, <i>VECTORIAL APPROACH IN SMART GRID DIRECTIONAL PROTECTION USING HIGH SPEED MICROCONTROLLERS</i>
19	<b>Remus Dobra</b> , Mircea Risteiu, Florin Samoila, Dragoş Pasculescu, Georgeta Buica, <i>COMPUTATIONAL BASED METHOD FOR SMART DIFFERENTIAL PROTECTION OF THE ELECTRICAL POWER NETWORKS</i>
<b>5. DEVELOPMENTS IN SYSTEMS CONTROL, INFORMATION TECHNOLOGY AND CYBERSECURITY</b>	
<b>Location: A3 Amphitheater, Building B</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Prof. dr. Monica LEBA, Conf. dr. Nicolae PĂTRĂŞCOIU</b>	
1	<b>Peyo Hristov</b> , W. Dimitrov, <i>THE BLOCKCHAIN AS A BACKBONE OF GDPR COMPLIANT FRAMEWORKS</i>
2	<b>Gheorghica Radu- Iulian</b> , <i>ALGORITHMS FOR GRAPH ISOMORPHISM. A COMPARATIVE STUDY.</i>
3	<b>Roxana-Elena Tudoroiu</b> , Sorin-Mihai Radu , Nicolae Tudoroiu, <i>REAL TIME CONTROL STRATEGY FOR IMPROVING THE PLASMA QUALITY IN NONLINEAR REACTIVE ION ETCHERS</i>
4	<b>Rîurean Simona Mirela</b> , Leba Monica, Ionica Andreea, <i>VLC EMBEDDED MEDICAL SYSTEM ARCHITECTURE BASED ON MEDICAL DEVICES QUALITY REQUIREMENTS</i>
5	Mirela Praisler, Stefanut Ciochina, <b>Marian Coman</b> , <i>MACHINE LEARNING APPLICATION DETECTING POTENT ILLICIT CENTRAL NERVOUS SYSTEM STIMULANTS</i>
6	Stefanut Ciochina, Mirela Praisler, <b>Marian Coman</b> , <i>SCANNING FOR ILLICIT PSYCHOACTIVE DRUGS BASED ON PATTERN RECOGNITION</i>
7	<b>Cosmin RUS</b> , Monica LEBA, <i>LIVE CAR TRAFFIC MONITORING WITH RASPBERRY PI HARDWARE</i>

8	<i>Raluca Dovleac, Ahmad Sad, Andreea Ionica, Monica Leba, QUALITY MANAGEMENT AND WEB 2.0 TOOLS EMBEDDED IN THE AGILE APPROACH FOR EDUCATION</i>
9	<i>Luminița Giurgiu, Dănuț Moșteanu, QUALITY IN WEB DESIGN – TRENDS AND RESPONSIVENESS TECHNIQUES</i>
10	<i>Marius Risteiu, Monica Leba and Andrei Arad, EXOSKELETON FOR IMPROVING QUALITY OF LIFE FOR LOW MOBILITY PERSONS</i>
11	<i>Patrascoiu Nicolae, Cosmin Rus, INCREASE THE QUALITY OF TEMPERATURE MEASUREMENTS USING VIRTUAL INSTRUMENTATION</i>
12	<i>Rus Cosmin, Patrascoiu Nicolae, A MOBILE SYSTEM BASED ON LIDAR TECHNOLOGY USED FOR DATA ACQUISITION IN TRAFFIC MANAGEMENT</i>
13	<i>Sebastian-Daniel Rosca, Monica Leba, DESIGN OF A COMPUTER GAME FOR BCI SYSTEMS</i>

## **6. INDUSTRIAL AND MECHANICAL ENGINEERING AND TRANSPORTATION**

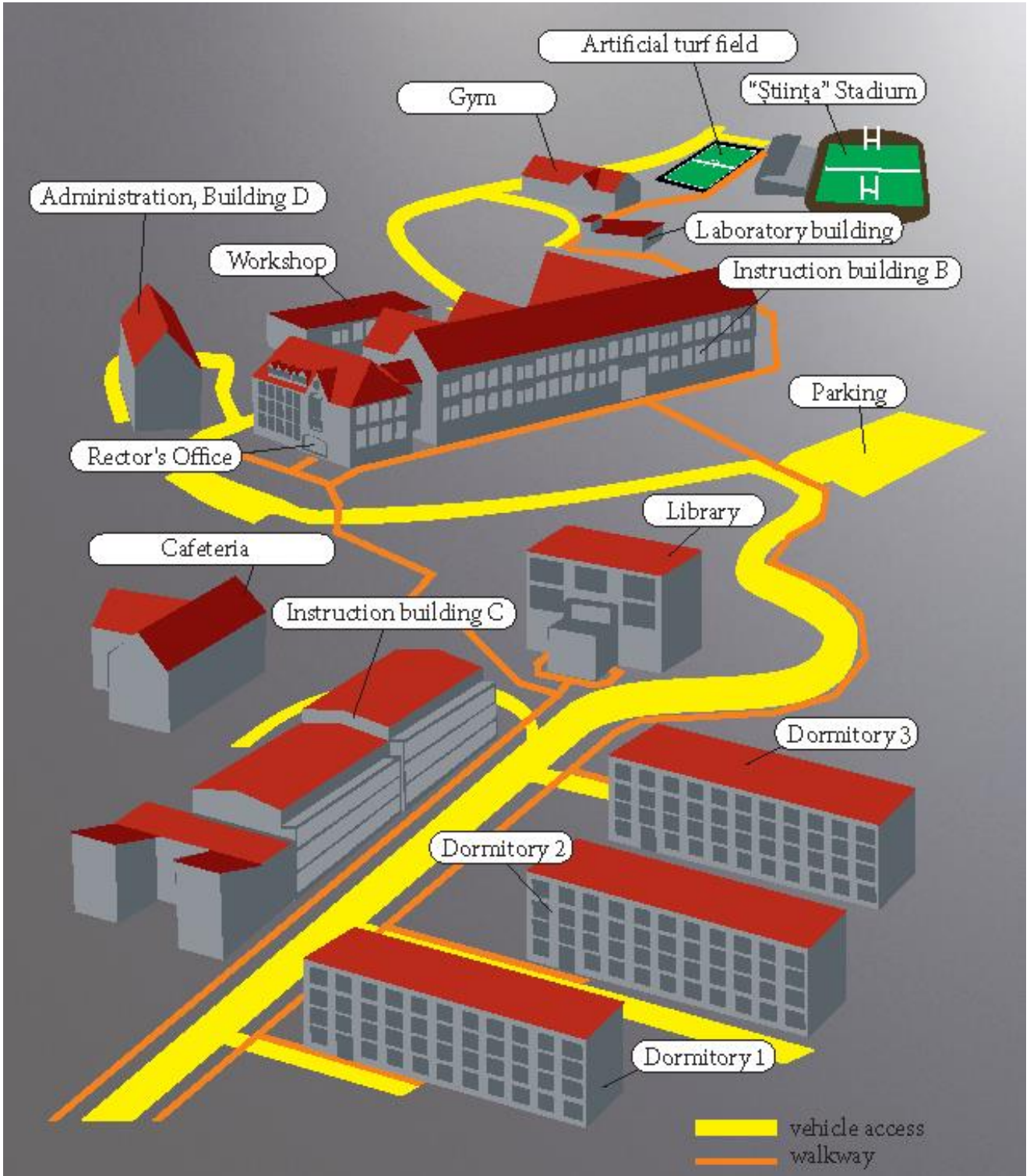
<b>Location: L12 Laboratory, Building B</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Prof.dr. Florin Dumitru POPESCU, Lecturer dr. Andrei ANDRAS</b>	
1	<i>Teodora Hristova, METHODOLOGY FOR DETERMINING THE REPLACEMENT PERIOD FOR LIFTER BARS</i>
2	<i>Marin Silviu Nan, Danut Grecea, Stela Dinescu, Andreea Ungur and Alin Sultan, INCREASING QUALITY THROUGH THE STUDY OF THE USE OF EXTRACTION COMPLEXES USING MODERN METHODS OF MATHEMATICAL STATISTICS</i>
3	<i>Zoltán Virág, Viktor Fülöp, József Molnár, DEVELOPMENT OF A CUTTING AND HAULING DEVICE FOR LIMESTONE DIMENSION STONE MINES</i>
4	<i>Rusu Robert, Alexandru Tudor – George si Monica Manole, A TWO-STAGE MACRO BASED APPROACH FOR DEVELOPING AIRCRAFT ENGINE COMPONENTS CONCESSIONS BASED ON SURFACE MORPHING TECHNOLOGIES</i>
5	<i>Sorin Mihai Radu, Florin Dumitru Popescu, Andrei Andras, Ildiko Kertesz Brinas, Ovidiu Bogdan Tomus, INCREASING THE QUALITY OF THE WELL DRILLING PROCESS BY FINITE ELEMENT ANALYSIS OF THE DRILLING FLUID FLOW PARAMETERS</i>
6	<i>Sorin Mihai Radu, Florin Dumitru Popescu, Andrei Andras, Ildiko Kertesz Brinas, Ovidiu Bogdan Tomus, SIMULATION AND MODELLING OF THE FORCES ACTING ON THE ROTOR SHAFT OF BWEs, IN ORDER TO IMPROVE THE QUALITY OF THE CUTTING PROCESS</i>
7	<i>Ana Gavriluta, STUDY ON IMPROVEMENT OF A MANUFACTURING SYSTEM USING LEAN MANUFACTURING</i>
8	<i>Ana Gavriluta, DESIGN OF A LEARNING PLATFORM FOR 5S METHOD FOR USING TO IMPROVE A MANUFACTURING SYSTEM</i>
9	<i>Daniiel ȘERBAN, Constantin Gheorghe OPRAN, ANALYSIS OF MICRO-PROFILE MACHINING OF THE NON-PLANAR SURFACES OF INJECTION MOLDS FOR POLYMERIC COMPOSITES</i>
10	<i>Pavla Hlavatá, Jiří Maxa, FLOW ANALYSIS OF THE PRESSURE DISTRIBUTION IN THE EXPERIMENTAL CHAMBER OF THE DIFFERENTIAL PUMPING</i>
11	<i>Iosif Dumitrescu, Razvan-Bogdan Itu, FRANGIBLE COUPLING A SAFETY ELEMENT IN AIRPORTS' TRAFFIC</i>
12	<i>Mihaela Dana Racz and Dan Codrut Petrilean, THE INFLUENCE OF HUMIDITY ON AIR TEMPERATURE IN UNDERGROUND MINES AS A FACTOR OF AIR QUALITY ASSESSMENT</i>
<b>16<sup>15</sup> Coffee break</b>	
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: Prof.dr. Iosif ANDRAS, Prof.dr. Zoltan VIRAG</b>	
13	<i>Adriana Zamora, Sorina Stanila, THE ASSESSMENT OF FACTORS WHICH INFLUENCE THE ENERGETIC EFFICIENCY OF HELICAL SCREW COMPRESSORS FOUND IN COAL MINES</i>
14	<i>Olimpiu Stoicuta, Marin Nan, Danut Grecea, Catalin Plotogea, MODELING AND SIMULATION OF THE STERILE ROCKS EXCAVATION PROCESS USING BUCKET WHEEL EXCAVATORS</i>
15	<i>Vlad Alexandru Florea, RESEARCHES ON WEAR AND RELIABILITY OF SOME SUBASSEMBLIES AND SPARE PARTS OF TECHNOLOGICAL EQUIPMENTS</i>
16	<i>Praporgescu Gabriel, THE USE OF QUALITY FUNCTION DEPLOYMENT METHOD IN THE TRANSPORT ACTIVITY</i>
17	<i>Ilioni Cristian, QUALITY OF EQUIPMENT USED IN THE MINING INDUSTRY</i>
18	<i>Dosa Ioan, Ovidiu Bogdan Tomus, POWER DEMAND OF THE TK-R 16/8 TURBOCOMPRESSOR FUNCTION OF INLET CONDITIONS</i>

19	<i>Vatavu Sorin, PLUNGER HYDRAULIC MACHINES. TYPOLOGY, CALCULATION PRINCIPLES AND APPLICATIONS IN MINING</i>
20	<i>Bogdan I. Gaita, OCONEE UNIT 2 FEEDWATER HEATER REPLACEMENT PROJECT</i>
21	<i>Bogdan I. Gaita, RIGGING WITH ALTERNATIVE METHODS AND EQUIPMENT</i>
<b>8. RECENT TRENDS IN BUSINESS, ECONOMICS, LAW AND PUBLIC ADMINISTRATION</b>	
<b>Location: Faculty of Science Council Hall, Building A</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Prof.dr. Janusz GRABARA, Conf.dr. Codruța DURA</b>	
1	<i>Janusz Wielki , Artem Stopochkin, Inessa Sytnik, INVESTMENT PORTFOLIO MANAGEMENT BASED ON THE STUDY OF THE COMPETITIVENESS OF JOINT-STOCK COMPANIES</i>
2	<i>Nur Feriyanto, Sebastian Kot, Dyah Sugandini, Muafi, THE DEVELOPMENT OF COMMUNITY BASED TOURISM: FROM ATTRACTIVENESS TO LOYALTY</i>
3	<i>Muafi, Janusz Grabara, Sudiyarto, Yuni Siswanti, BUSINESS STRATEGY, ORGANIZATIONAL STRUCTURE, WORK PROCESSES: ARE THE ALIGNMENT?</i>
4	<i>Răvaș Bogdan, SOME CONSIDERATIONS ON MANAGEMENT INTERNAL CONTROL OF STOCKS IN THE FIELD OF CONSTRUCTION SOCIETIES</i>
5	<i>Niță Dorina, THE GENDER GAP IN THE LABOUR MARKET</i>
6	<i>Elena Iuliana Ion, Mariana Man, ECONOMIC VALUE ADDED RELEVANCE FOR STAKEHOLDERS REGARDING THE QUALITY OF PERFORMANCE ANALYSIS OF ROMANIAN METALLURGICAL COMPANIES</i>
7	<i>Rus Cosmin, Rakos Ileana Sorina, BITCOIN - THE ECONOMIC UNIT OF HUMANITY?</i>
8	<i>Isac Claudia, MANAGEMENT OF SUCCESSION IN FAMILY BUSINESSES</i>
9	<i>Ana Petrina Păun, Mirela Monea, Codruța Dura, SOME PRACTICAL TOOLS TO MITIGATE OCCUPATIONAL SAFETY AND HEALTH RISKS WITHIN THE INDUSTRIAL ENVIRONMENT</i>
10	<i>Codruța Dura, Imola Drigă, Ana Petrina Păun, OHS DISCLOSURE IN ROMANIA IN THE FRAMEWORK OF CSR REPORTING</i>
11	<i>Michal Pohludka, Hana Štverková, Aleš Panna, PROPER HR AUDIT AND DUE DILIGENCE PROCESS: KEY FACTORS IN A SUCCESSFUL ACQUISITION</i>
12	<i>Gabriela Corina Slusariuc, THE QUALITY OF LENDING THE ECONOMY</i>
13	<i>Tatiana Antipova, DIGITAL PUBLIC SECTOR AUDITING: A LOOK INTO THE FUTURE</i>
14	<i>Olga Bucovetchi, Radu D. Stanciu and Dorel Badea, IS OUTSOURCING THE BEST SOLUTION IN INCREASING ORGANISATIONAL PERFORMANCE?</i>
15	<i>Oana Dobre-Baron, Alina Nițescu, TRADE MARKETING – AN INNOVATIVE CONCEPT IN LOGISTIC COOPERATION BETWEEN MANUFACTURERS AND TRADERS</i>
16	<i>Alina Nițescu, Oana Dobre-Baron, ANALYSIS OF THE ROMANIAN AGRICULTURAL SECTOR IN EUROPEAN CONTEXT</i>
17	<i>Ciurea Maria, THE PUBLIC-PRIVATE PARTNERSHIP IN ROMANIA -THEORETICAL APPROACHES</i>
18	<i>Ciurea Maria, CONSIDERATIONS ON THE NEED TO IMPLEMENT INTERNATIONAL ACCOUNTING STANDARDS FOR THE PUBLIC SECTOR IN ROMANIA</i>
19	<i>Ivan Zaytsev, Alexakhin A.V., Sala D.P.,THE PLANNING OF BUSINESS PROCESSES IN UNDEFINED CONDITION OF OLIGOPOLISTIC MARKET</i>
<b>16<sup>15</sup> Coffee break</b>	
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: Prof.dr. Janusz WIELKI, Conf.dr. Imola DRIGĂ</b>	
20	<i>Alexakhin A.V., Rozhkov I.M., Zaytsev I.M., Yu.Yu. Kostyukhin, THE PLANNING AND MANAGEMENT OF THE OWNER'S EARNING WITH USING SIMULATION MODELING</i>
21	<i>Răscolean Ilie, Rakos Ileana Sorina, THE SUBSTANTIATION OF CASH FLOWS WITHIN A BUSINESS PLAN</i>
22	<i>Marzena Szewczuk-Ściepień, Brygida Klemens, ESSENCE AND ROLE OF CO-OPERATION IN REGIONAL DEVELOPMENT. RIS3 CASE STUDY</i>
23	<i>Mircea Baron, Oana Dobre-Baron, MANAGERIAL CONCERNS FOR THE EXIT OF 1929-1933 ECONOMIC CRISIS IN THE JIU VALLEY COAL MINING INDUSTRY</i>
24	<i>Janusz Wielki, Przemysław Koziol, OPTIMIZATION OF BUSINESS PROCESSES WITH THE USE OF MICROLOCATION TOOLS BASED ON THE INDUSTRY 4.0 CONCEPT</i>
25	<i>Alexandru Constantin PETRACHE, LOGISTICS PARKS – FROM THEORY TO PRACTICE IN ROMANIA</i>
26	<i>Mădălina Dumitrița Maticiuc, CLUSTERS – VALUE ADDED CREATORS FOR SMES</i>

27	<i>Tatiana Dănescu, Maria Alexandra Botoș, ANALYSIS OF COMPANIES' BEHAVIOR IN SMOOTHING CONFLICTS OF INTEREST</i>
28	<i>Alina Natalia Pop, Gabriel Rus, ANALYSIS OF MANAGERS BEHAVIOR IN INDUSTRIAL COMPANIES IN THE NORTH WEST REGION</i>
29	<i>Guta Anca Jarmila, UTILIZATION OF "VALUE ANALYSIS" IN DETERMINATION OF COMPETITIVENESS LEVEL WITH IN S.C. EUROSPOORT DHS SA</i>
30	<i>Waseem-Ul-Hameed, Muhammad Imran, Beata Ślusarczyk, Adnan ul Haque, THE MODERATING ROLE OF MALAYSIAN GOVERNMENT IN MICROCREDIT ORGANIZATION AND QUALITY OF WOMEN SELF-SUSTAINABILITY</i>
31	<i>Mohammad JARADAT, Sergiu-Dan IURIAN, ADAPTING LEADERSHIP METHODS TO GLOBAL CHALLENGES: INTERACTIVE LEADERSHIP</i>
32	<i>Sergiu-Dan IURIAN, Mohammad JARADAT, THE IMPORTANCE OF CULTURAL MARKETING IN EVALUATING CREATIVE PERSONNEL</i>
33	<i>Monica Aureliana Petcu, Iulia Maria David-Sobolevski, Irina Daniela Cișmașu, DIMENSIONS AND INDICATORS OF QUALITY MANAGEMENT ASSESSMENT IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT</i>
34	<i>Vasile Robu, Irina Daniela Cișmașu, Alma Maria Petcu, THE ASSESSMENT OF THE QUALITY OF LEADERSHIP AS A RESOURCE FOR SUSTAINABLE DEVELOPMENT</i>
35	<i>Cristea Loredana Andreea, INCREASING THE QUALITY OF THE TAXES AND FEES IMPACT ASSESSMENT ON THE ROMANIAN ECONOMY</i>
36	<i>Ungureanu Adelin, Ravaș Oana, THE INSTITUTIONAL RELATIONS BETWEEN STATE POWERS</i>
37	<i>Fetiniuc Valentina, Luchian Ivan, Tvircun Alexandra, MODERN APPROACHES OF BANKING GLOBALIZATION</i>
<b>9. CONTEMPORARY APPROACHES IN QUALITY ASSURANCE, MANAGEMENT AND MARKETING</b>	
<b>Location: A4 Amphitheater, Building B</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Prof.dr. Eduard EDELHAUSER, Conf .dr. Mihaela GHICAJANU</b>	
1	<i>Pleșa Roxana, PERFORMING UNIVERSITY MANAGEMENT - A DETERMINANT FACTOR IN QUALITY ASSURANCE IN EDUCATION</i>
2	<i>Ghicajanu Mihaela, TECHNIQUES TO CONTINUALLY IMPROVE BUSINESS QUALITY AND PERFORMANCE (I)</i>
3	<i>Ghicajanu Mihaela, TECHNIQUES TO CONTINUALLY IMPROVE BUSINESS QUALITY AND PERFORMANCE (II)</i>
4	<i>Székely Szilárd, Adriana Benedek, Lucian-Ionel Cioca, QUALITY SUPPLIER RESPONSE TO INDUSTRIAL PROCUREMENT BEHAVIOR ON THE SOUTH EAST EUROPEAN METAL DISTRIBUTION MARKET</i>
5	<i>Lupu-Dima Lucian, Eduard Edelhauser, INNOVATIVE METHOD OF INCREASING THE QUALITY OF MANAGEMENT IN ADMINISTRATION USING THE PRINCIPLES OF SHARING ECONOMY</i>
6	<i>Amalia Furdui, Eduard Edelhauser, INNOVATION MANAGEMENT CORRELATED WITH THE MODELS OF DEVELOPMENT OF TECHNOLOGICAL ENTREPRENEURSHIP</i>
7	<i>Roland Iosif Moraru, Tomasz Dub, Mariusz Sroka, GROUP DEVELOPMENT PROCESS IN MANAGEMENT OF WORK TEAMS</i>
8	<i>Emilia Corina Corbu, Eduard Edelhauser, ANALYTIC DASHBOARD, A SOLUTION FOR INCREASING EFFICIENCY IN MANAGEMENT OF THE PUBLIC ADMINISTRATION</i>
9	<i>Eugenia JORNEA, Eduard EDELHAUSER, ASPECTS CONCERNING THE QUALITY OF MANAGEMENT PROJECTS DESIGNED FOR RESTRUCTURING THE ECONOMY</i>
<b>16<sup>15</sup> Coffee break</b>	
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: : Prof.dr. Eduard EDELHAUSER, Conf .dr. Mihaela GHICAJANU</b>	
10	<i>Aleksandra Ptak, CORPORATE SOCIAL RESPONSIBILITY IN POLISH ENTREPRISES</i>
11	<i>Agnieszka Noga, INNOVATION OF THE PRODUCT AS A SIGNIFICANT FACTOR IN THE CONCEPT OF THE DEVELOPMENT OF A TOY INDUSTRY ENTERPRISE</i>
12	<i>Tomasz Lis, INFORMATION AND CUSTOMER PURCHASE DECISIONS ON DYNAMIC MARKETS</i>
13	<i>Elzbieta Karas, THE ONLINE CONSUMERS' RECOMMENDATIONS</i>
14	<i>Muafi, Joanna Tabor, Benny Wendry, Jun Surjanti, Rizqi Adhyka Kusumawati, BUILDING ORGANIZATIONAL INNOVATION THROUGH STRATEGIC ORIENTATION: A LESSON FROM CEMENT INDUSTRY IN INDONESIA</i>

15	<i>Elena-Izabela POPA, Eduard EDELHAUSER, ASPECTS OF ORGANISATIONAL CULTURE AND CHANGE MANAGEMENT</i>
16	<i>Rus Ioan, INTEGRATION OF HUMAN RESOURCES STRATEGY IN THE GENERAL STRATEGY OF AN ENTERPRISE</i>
17	<i>Criveanu Maria Magdalena, DISCREPANCIES IDENTIFIED AT AN ORGANIZATIONAL LEVEL BETWEEN MANAGERS AND EMPLOYEES</i>
18	<i>Irimie Sabina, Adrian Pal, ADVANCES IN OCCUPATIONAL ERGONOMICS AND RISK MANAGEMENT</i>
<b>11. EDUCATION RESEARCH, SUSTAINABLE DEVELOPMENT AND INTERDISCIPLINARY STUDIES</b>	
<b>Location: Faculty of Science LIS 1 Laboratory, Building A</b>	
<b>14<sup>00</sup> – 16<sup>15</sup> Chairpersons: Lecturer dr. Mihaela SCHMIDT, Professor Dariusz RAJCHEL</b>	
1	<i>Mansour Radwan, MINORITY IN THE MIDDLE EAST: THE MONOTHEISTS "DRUZE" IN THE MIDDLE EAST, CHANGES AND COMPETES</i>
2	<i>Khatib Mhana , DIGITAL GAME – GAME OR DANGER?</i>
3	<i>Sarsour Raed, SARSOOR Alaa, CHANGE MANAGEMENT PROCESS AND ITS CHARACTERISTICS IN SCHOOLS</i>
4	<i>SARSOOR Alaa, SARSOOR Raed, MANAGING THE IMPLEMENTATION OF INFORMATION TECHNOLOGY (IT) AND ITS INFLUENCE IN SCHOOL</i>
5	<i>Faraj Faraj, THE CONTRIBUTION OF DRUZE WOMEN TO THE DEVELOPMENT OF DRUZE SOCIETY</i>
6	<i>Jeanina Ciurea, Suzana Demyen, A COMPARATIVE STUDY REGARDING THE INNOVATION ACTIVITY OF VARIOUS ENTITIES, IN A GLOBAL PERSPECTIVE</i>
7	<i>Stelescu Ioan, STUDY REGARDING OPTIMUM FUNCTIONALITY OF ANALYZERS (MOTOR AND OPTIC) INCREASING THE PRECISION AND EFFICIENCY IN BALL TRANSMISSION</i>
8	<i>Stelescu Ioan, STRENGTH AND DISTANCE IN RELATION WITH INTENSITY OF THROWING, RUNNING AND JUMPING IN YOUTH FOOTBALL</i>
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11	<i>Janusz Grabara, SUSTAINABLE DEVELOPMENT - NEVER FULFILLED DREAM</i>
12	<i>Călina Ana Buşiu, "PRO-INTEGRA" PROJECT'S COMPARATIVE SURVEY OF MAIN STAKEHOLDERS' OPINIONS ON THE EDUCATIONAL OFFER OF "1 DECEMBRIE 1918" UNIVERSITY OF ALBA IULIA</i>
<b>16<sup>15</sup> Coffee break</b>	
<b>16<sup>30</sup> – 18<sup>30</sup> Chairpersons: Lecturer Mihaela SCHMIDT, Professor Dariusz RAJCHEL</b>	
13	<i>Dariusz Rajchel, FINANCING THE DEVELOPMENT OF THE CITY OF OPOLE BASED ON ITS BUDGET</i>
14	<i>Anna Rajchel, A GRADUATE OF A SECONDARY SCHOOL ON THE LABOUR MARKET. CHANCES AND THREATS</i>
15	<i>Cremene Cosmin Sergiu, THE ANALYSIS OF THE CONTENT OF NEWSPAPERS: „CRONICA VĂII JIULUI”, „GAZETA DE DIMINEAȚĂ” AND „ZIARUL VĂII JIULUI”</i>
16	<i>Cremene Cosmin Sergiu, RESIDENTS' PERCEPTION OF THE STUDIED COMMUNITIES THROUGH A DIRECT SURVEY</i>
17	<i>Nabila Kheir Faddul, Nicolae Aurelian BIBU, Doina DĂNĂIAȚĂ, THE ORGANIZATIONAL CULTURE IN JUNIOR HIGH SCHOOLS IN THE DRUZE SECTOR</i>
18	<i>Mihaela- Camelia Schmidt, POPULATION AGEING, A CONSEQUENCE OF TRANSITION</i>
19	<i>Sima Ioan, A COMBINATORIAL GRAY WOLF OPTIMIZATION ALGORITHM FOR FINDING 2D PROTEIN CONFORMATION</i>
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21	<i>Laura Marica, Cristian Siminic Ilioni, SPORT - AN INEXPENSIVE WAY OF TREATMENT FOR POOR PEOPLE</i>

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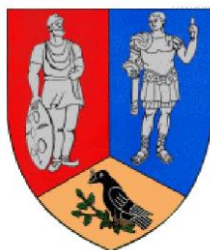
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