

“Lucian Blaga” University of Sibiu - Romania
Faculty of Engineering
Department of Industrial Engineering and Management

CONFERENCE PROGRAM

**OF THE 7TH INTERNATIONAL CONFERENCE
ON MANUFACTURING SCIENCE AND EDUCATION
- MSE 2015 -**

**June 3 - 6, 2015
Sibiu, Romania**

Agenda

INTERNATIONAL PROGRAM COMMITTEE

Conference Chairman: Ioan BONDREA, ROM

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DUȘE Dan Maniu, RO	ROTHMUND Johannes
GHEORGHE Marian, RO	SIEMEK Jakub, POL
KIFOR Claudiu, RO	ZUHLKE Detlef, GER

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BORZA Sorin, RO	NAGY Stanislaw, POL
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BUNGĂU Constantin, ROM	NISTOR Iulian, RO
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COTEȚ Costel Emil, RO	OZUNU Alexandru, RO
CROITORU Sorin, RO	PASCU Adrian, RO
DARABONȚ Doru, RO	PELE Alexandru, RO
DARIE George, RO	PETRESCU Marius Gabriel, RO
DINU Florinel, RO	PETRESCU Valentin, RO
DOBRESCU Tiberiu, RO	POPA Ion, RO
DOBRIN Cosmin, RO	PUPAZĂ Cristina, RO
DOBROTĂ Dan, RO	PURCAREA Anca, RO
DODUN Oana, RO	PUSCĂ Dana, CAN
DOICIN Cristian, RO	RADA Elena Cristina, ITA
DRĂGHICI Anca, RO	RADOVANOVIĆ Miroslav, SER
DRĂGOI Mircea, RO	RAGAZZI Marco, ITA
DUMITRAȘCU Danut, RO	SIMION Carmen, RO
DUȘE Carmen, RO	SINDILĂ Gheorghe, RO
EBERT Ron, USA	SLĂTINEANU Laurentiu, RO
FETECĂU Catalin, RO	SLOMKA Tadeusz, POL
FRANZ Charles, USA	STAN Simona, USA
GĂMAN George Artur, RO	STRAJESCU Eugen, RO
GYENGE Csaba, RO	STEFĂNESCU Paul Dan, RO
HEINISCH Martin, GER	SZPYTKO Janusz, POL
HUSI Geza, HUN	TORRETTA Vincenzo, ITA
IONESCU Mihail Eugen, RO	ȚÎȚU Mihail Aurel, RO
IONESCU Nicolae, RO	ULMANU Vlad, RO
IZVERCEANU Monica, RO	UNGUREANU Nicolae, RO
KOSTAL Peter, SK	VALLESPER Jordi, SPA
KUZMANOVIĆ Siniša, SER	VELISEK Karol, SK
LAȚA Ilie, RO	VITTORIA Paulo, BRA
LUPULESCU Nourăș, RO	VLASE Aurelian, RO
LOBONȚ Lucian, RO	ZAPCIU Miron, RO
LOBONȚIU Mircea, RO	ZELJKOVIĆ Milan, SER
MARA Daniel, RO	MĂRĂSCU KLEIN Valentin, RO

ORGANIZING COMMITTEE

Conference President: Ioan BONDREA

ROSCA L.	ȚÎȚU M.
BRÎNDAȘU P.D.	INȚĂ M.
BEJU L.D.	COFARU N.
PETRUSE R.	ROTARU M.
POPESCU L.	BĂDESCU M.
CIOCA L.	GRECU V
	ZERBES M



Agenda

Start	End	
Wednesday, June 3th, 2015		
17:00	19:00	Welcome Reception and Early Registration (Faculty of Engineering , 4 Cioran Str., Room: IM 106)
19:00	21:00	Reception Cocktail (University's Restaurant, 31 Victoriei Blvd.)
Thursday, June 4th, 2015		
08:00	11:00	Registration (University's Library, 4 Lucian Blaga Str., Aula Magna)
09:00	09:30	MSE 2015 Conference - Opening Ceremony A word of welcome from the university's organizers and guests (University's Library, 4 Lucian Blaga Str., Aula Magna)
09:30	11:00	Plenary Session (University's Library, 4 Lucian Blaga Str., Aula Magna)
11:00	11:30	Coffe Break (University's Library, 4 Lucian Blaga Str. Aula Magna)
11:30	13:00	Plenary Session (University's Library, 4 Lucian Blaga Str., Aula Magna)
13:00	15:00	Lunch (University's Restaurant, 31 Victoriei Blvd.)
15:00	16:30	Parallel Session: Paper Presentations (Faculty of Engineering , 4 Cioran Str. and Academic Meeting Center, Banatului Str.)
16:30	17:00	Coffe Break (Asian Student Center, Faculty of Engineering , 4 Cioran Str. and Academic Meeting Center, Banatului Str.)
17:00	18:30	Parallel Session: Paper Presentations (Faculty of Engineering , 4 Cioran Str. and Academic Meeting Center, Banatului Str.)
19:30		Banquet Ramada" Restaurant, Cioran Str.

Start	End	
Friday, June 5th, 2015		
09:00	10:30	Parallel Session: Paper Presentations (Faculty of Engineering , 4 Cioran Str. and Academic Meeting Center, Banatului Str.)
10:30	11:00	Break Academic Meeting Center, Banatului Str.
11:00	13:00	Workshop: "Intellectual property protection in academic and business environment - intellectual property rights. Copyright protection over scientific works in academic environment." Mihail Aurel TITU - Intellectual Property Protection Department Lucian Blaga University of Sibiu (Room E12 Academic Meeting Center, Banatului Str.)
13:00	13:30	Concluding remarks and closing of the conference (Academic Meeting Center, Banatului Str.)
13:30	15:00	Lunch (University's Restaurant, 31 Victoriei Blvd.)
15:00		Cultural Programme and.... Conference Audit (Weather Depending)

Wednesday, June 3th, 2015

17.00 - 19.00	Welcome Reception and Early Registration	Faculty of Engineering Room IM 106
19.00	Reception Cocktail	University's Restaurant, 31 Victoriei Blvd

Thursday, June 4th, 2015

08:00 – 11:00	Registration	“Aula Magna” University’s Library, 2 Lucian Blaga Str.
09:00 – 09:30	MSE 2015 Conference - Opening Ceremony	
	A word of welcome from the university’s organizers and guests	

09:30 – 13:00	Plenary Session	“Aula Magna” University’s Library, 2 Lucian Blaga Str.
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- ❖ Prof. Eng. Johannes Rothmund Ph.D., Institut für Werkzeugmaschinen, Universität Stuttgart, Germany

QUALITY MANAGEMENT IN UNIVERSITY EDUCATION - SOME EXAMPLES FROM UNIVERSITÄT STUTTGART

- ❖ Prof. Eng. George Draghici Ph.D., Politehnica University of Timisoara, Romania

EVOLUTIONS AND TRENDS IN DESIGN AND MANUFACTURING

- ❖ Prof. Eng. Nicolae Bâlc Ph.D., Technical University of Cluj-Napoca, Romania

3D PRINTING FOR CREATIVE INDUSTRY

- ❖ Prof. Eng. Dumitru Nedelcu Ph.D., "Gheorghe Asachi" Technical University of Iași, Romania

DYNAMIC MECHANICAL ANALYSIS AND DIFFERENTIAL SCANNING CALORIMETRY OF “LIQUID WOOD”

- ❖ Prof. Eng. Cristian Doicin Ph.D., Lecturer Eng. Mihaela Ulmeanu, Ph.D University Politehnica of Bucharest, Romania

SOMETHING OLD, SOMETHING NEW, SOMETHING BORROWED, SOMETHING BLUE IN ADDITIVE MANUFACTURING

- ❖ Prof. Eng. Vincenzo Torretta Ph.D., University of Insubria, Italy

SAFETY AND RELIABILITY IN BIOGAS PLANTS

Parallel Session: Paper Presentations

Thursday, June 4th, 2015

15.00 – 18.30

Thursday, June 4th, 2015

15.00 – 16.30

Room IM 301

Design, Technological Equipment and Systems, Virtual Manufacturing

Chairmen:

JOHANNES ROTHMUND

NICOLAE BÂLC

DUMITRU NEDELCU

1. BONDREA IOAN, ROSCA LUCIAN
EUGEN *OPTIMIZATION OF BRAKING ENERGY
RECUPERATION BY USING DRIVER DATA
STATISTICS*
2. RADU EMANUIL PETRUSE, BRANDON
JOHNSON, IOAN BONDREA *A LOW BUDGET, REVERSE ENGINEERING
SOLUTION FOR OBTAINING FUNCTIONAL PARTS*
3. BANCIU FELICIA VERONICA *AXIOMATIC DESIGN FUNCTIONAL
INDEPENDENCE CONCEPT APPLIED IN
CONCEPT SOLUTION SELECTION*
4. PLAVANESCU (MAZURCHEVICI)
SIMONA, QUADRINI FABRIZIO,
NEDELCU DUMITRU *TENSILE TEST FOR ARBOFORM SAMPLES*
5. ORFGEN MARIUS, SCHMITT MATHIAS *PROCESS ORCHESTRATION WITH MODULAR
SOFTWARE APPLICATIONS ON INTELLIGENT
FIELD DEVICES*
6. POPAN IOAN ALEXANDRU, BÂLC
NICOLAE, POPAN ALINA *CNC MACHINING OF THE COMPLEX COPPER
ELECTRODES*

Thursday, June 4th, 2015

17.00 – 18.30

Room IM 301

Design, Technological Equipment and Systems, Virtual Manufacturing

Chairmen:

**CARMEN SIMION
DAN PAUL BRÎNDAȘU
CRISTIAN TURC**

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|----|---|--|
| 1. | AVRIGEAN EUGEN | <i>OPTIMIZATION OF THE HUB FORK OF A CARDAN JOINT</i> |
| 2. | RAREȘ LUCIAN MARIN, PAUL DAN BRÎNDASU | <i>A SELF-ORGANIZING APPROACH FOR MIXED-MODEL MANUFACTURING BASED ON AUTONOMOUS ENTITIES</i> |
| 3. | GHEORGHE ALIN DAVID, PAUL DAN BRÎNDAȘU, LIVIA DANA BEJU | <i>ASPECTS REGARDING PRODUCT LIFECYCLE MANAGEMENT OF MODELING FUNCTIONS OF AN INTELLIGENT DRILL TOOL</i> |
| 4. | ILIESCU MIHAIELA, SPIRLEANU CRISTIAN, VLADAREANU LUIGE | <i>FLEXIBLE CELL SYSTEM FOR GRINDING PROCESS OPTIMIZATION OF 40C130 THERMAL SPRAY COATING</i> |
| 5. | TURC CRISTIAN-GHEORGHE, BELGIU GEORGE, BANCIU FELICIA | <i>SETTING-UP OF A CUTTING FORCES MEASUREMENT SYSTEM</i> |

Thursday, June 4th, 2015

15.00 – 16.30

Room IE 301

Management, Modelling and Monitoring of Manufacturing Processes

Chairmen:

**CRISTIAN DOICIN
GEORGE DRĂGHICI
LAURENȚIU SLĂTINEANU**

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|----|--|---|
| 1. | ILIESCU DRAGOȘ, DIJMĂRESCU MANUELA-ROXANA, GHEORGHE MARIAN | <i>CONFIGURATION MANAGEMENT BY DOLCE UPPER-LEVEL ONTOLOGY</i> |
| 2. | POPA CICERONE LAURENȚIU, COTEȚ COSTEL EMIL, ȘAȘCÎM (DUMITRESCU) SIMONA GHEORGHIȚA, STOICA CRISTIAN EUGEN | <i>MATERIAL FLOW MANAGEMENT FOR PROCESSING PLASTIC WASTE AND TONER DUST</i> |
| 3. | DODUN OANA, SLĂTINEANU LAURENȚIU, COTEAȚA MARGARETA, NAGÎȚ GHEORGHE | <i>TOOL ELECTRODE WEAR AT WIRE ELECTRICAL DISCHARGE MACHINING</i> |

Agenda

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| 4. | VILĂU CRISTIAN, BALC NICOLAE,
LEORDEAN DAN | <i>DESIGN AND DYNAMIC ANALYSIS OF GRIPPER FOR
THE KUKA KR6 ROBOT</i> |
| 5. | MILTENOVIĆ ALEKSANDAR, BANIĆ
MILAN, MILTENOVIĆ VOJISLAV | <i>IMPORTANCE AND ROLE OF COMPETENCE IN
PROFESSIONAL CAREER OF PRODUCT DEVELOP
ENGINEERS</i> |
| 6. | INȚĂ MARINELA, MUNTEAN
ACHIM | <i>APPLICATION OF LEAN PRINCIPLES TO OPTIMIZE
PRODUCTION. CASE STUDY-CONNECTORS
DEPARTMENT OF THE HARTING COMPANY</i> |

Thursday, June 4th, 2015

17.00 – 18.30

Room IE 301

Management, Modelling and Monitoring of Manufacturing Processes**Chairmen:****MILTENOVIĆ ALEKSANDAR****ȚÎȚU AUREL MIHAIL**

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|----|---|---|
| 1. | ȚÎȚU AUREL MIHAIL, OPREAN
CONSTANTIN, RĂULEA ANDREEA
SIMINA | <i>THE MANAGEMENT OF INTELLECTUAL PROPERTY
IN A ROMANIAN STATE UNIVERSITY WHERE
RESEARCH REPRESENTS A STRENGTH</i> |
| 2. | MADIĆ MILOŠ, RADOVANOVIĆ
MIROSLAV, PETKOVIĆ DUŠAN,
NEDIĆ BOGDAN | <i>SELECTION OF CUTTING INSERTS FOR ALUMINUM
ALLOYS MACHINING BY USING MCDM METHOD</i> |
| 3. | MADIĆ MILOŠ, RADOVANOVIĆ
MIROSLAV, PETKOVIĆ DUŠAN,
NEDIĆ BOGDAN | <i>MULTI-CRITERIA ASSESSMENT OF PROCESS
PERFORMANCE CHARACTERISTICS IN CO₂ LASER
CUTTING OF MILD STEEL</i> |
| 4. | DOBROTĂ DAN, PETRESCU
VALENTIN | <i>MODELLING OF THE HEAT TRANSFER IN THE
PROCESS OF JOINING BY VULCANISATION OF
CONVEYOR BELTS MADE OF RUBBER</i> |
| 5. | POPESCU LILIANA GEORGETA,
BRÎNDAȘU PAUL DAN | <i>MODEL OF A RESEARCH AND DESIGN CENTER</i> |
| 6. | LEBA MONICA, IONICA ANDREEA
CRISTINA, DOBRA REMUS | <i>RIGHTPOLLEX: FROM PATENT TO STARTUP</i> |

Thursday, June 4th, 2015

15.00 – 16.30

Room IE 302

Quality Management**Chairmen:**

CLAUDIU KIFOR
NICOLAE COFARU
LIVIA DANA BEJU

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|----|---|---|
| 1. | DRĂGHICI ANCA, CIORTAN
MARIUS ARETA, FLOREA CLAUDIA | <i>SOME CONSIDERATION ON KNOWLEDGE
MANAGEMENT IMPLICATION ON ORGANIZATION'S
COMPETITIVENESS</i> |
| 2. | VOLOSCIUC SORIN DAN,
DRAGOSIN MONICA | <i>NEURAL NETWORKS USED IN THE EVALUATION OF
POWER QUALITY</i> |
| 3. | LUNGU ION-BOGDAN, MANEA
MARIA-MIHAELA | <i>IMPLEMENTATION OF QUALITY MANAGEMENT
SYSTEM FOR IRRADIATION PROCESSING SERVICES</i> |
| 4. | IUGA MARIA VIRGINIA, KIFOR
CLAUDIU VASILE, ROSCA LIVIU-ION | <i>LEAN INFORMATION MANAGEMENT: CRITERIA FOR
SELECTING KEY PERFORMANCE INDICATORS AT
SHOP FLOOR</i> |
| 5. | SIMION CARMEN | <i>A CASE STUDY ON GAGE R&R IN AUTOMOTIVE
INDUSTRY</i> |
| 6. | ZERBES MIHAI VICTOR | <i>IMPROVING FOOD RADIOACTIVITY MONITORING
PROCESS IN THE LABORATORY OF THE NUCLEAR
RADIATION HYGIENE FROM SIBIU PUBLIC HEALTH
DEPARTMENT</i> |

Thursday, June 4th, 2015

15.00 – 16.30

Room IM 319

Management and Economical Engineering**Chairmen:**

ANCA PURCĂREA
LIVIU I. ROȘCA
ANCA DRĂGHICI

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|----|--|---|
| 1. | PAKOCȘ RAMONA, LUPULESCU
NOURAȘ BARBU | <i>INTELLECTUAL PROPERTY MANAGEMENT
IMPLEMENTED IN INDUSTRIAL COMPANIES</i> |
| 2. | FRANK RENNUNG, CRISTINA
BORCA, CAIUS LUMINOSU, ANCA
DRAGHICI | <i>EVALUATION MODEL FOR SUCCESS FACTORS IN
LARGE INDUSTRIAL PROJECTS</i> |
| 3. | DUMITRAȘCU OANA, HILA
CONSTANTIN-MANUEL | <i>INCREASING PERFORMANCE MANAGEMENT TROUGH
DATA VISUALIZATION</i> |

Agenda

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| 4. | DUMITRAȘCU IULIA, DUMITRAȘCU DĂNUȚ DUMITRU | <i>HOW TO FACE GLOBALIZATION CHALLENGES THROUGH INTERNATIONAL PROJECT MANAGEMENT</i> |
| 5. | MIRICESCU DAN, MOSER THOMAS | <i>ASPECTS OF THE COOPERATION BETWEEN THE LOGISTICS PROVIDERS AND CUSTOMERS WITHIN THE ROMANIAN MARKET</i> |
| 6. | CIRJALIU BIANCA, WEINSCHROTT HUGO, DRAGHICI ANCA | <i>PSYCHOLOGICAL RISKS MANAGEMENT ON LEAN MANUFACTURING SYSTEM</i> |
| 7. | DUMITRAȘCU IULIA, DUMITRAȘCU DĂNUȚ DUMITRU | <i>VIRTUAL TEAMS MANAGEMENT IN GLOBAL INTERNATIONAL PROJECTS</i> |

Thursday, June 4th, 2015

17.00 – 18.30

Room IM 319

Management and Economical Engineering**Chairmen:**

DAN DUMITRAȘCU
DAN MIRICESCU

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| 1. | NEGOIȚĂ OCTAVIAN, PURCĂREA ANCA ALEXANDRA, NEGOIȚĂ OLIVIA DOINA | <i>EMPLOYMENT RELATIONS IN INDUSTRIAL ENTERPRISES</i> |
| 2. | FLEISCHER WIEGAND HELMUT | <i>CHARACTERISTICS OF THE ROMANIAN FOB EXPORTS DURING THE PERIOD 01.01.-31.12.2014</i> |
| 3. | ROTARU MIHAELA | <i>SUSTAINABILITY EVOLVING ROLE IN BUSINESS MANAGEMENT</i> |
| 4. | POPA DANIELA, MIRICESCU DAN, FALOBA VIORICA | <i>RISK MANAGEMENT IN SME'S-BASIC MANAGEMENT TECHNIQUE IN PROJECT'S IMPLEMENTATION</i> |
| 5. | FLEISCHER WIEGAND HELMUT | <i>CHARACTERISTICS OF THE ROMANIAN CIF IMPORTS DURING THE PERIOD 01.01.-31.12.2014</i> |
| 6. | BUZOIANU DANIELA ANGELA | <i>PRACTICAL ISSUES, AND FUTURE TRENDS IN PRODUCTION ORGANIZATION OF TIRE INDUSTRY</i> |

Thursday, June 4th, 2015	17.00 – 18.30
Room IE 302	
Software application	
Chairmen: SORIN BORZA MARINELA INȚĂ	

1. MANEA CONSTANTIN ADRIAN *INFORMATION SECURITY MANAGEMENT - PART OF THE INTEGRATED MANAGEMENT SYSTEM*
2. SORIN BORZA *FROM GIS DATABASE TO SPATIAL DATA WAREHOUSE*
3. CRĂCIUNEAN DANIEL CRISTIAN,
CRĂCIUNEAN VASILE *MODELLING OF MANUFACTURING PROCESSES WITH MEMBRANES*
4. PANU MIHAI GHEORGHE, VIOREL
ALINA CRISTINA *TESTING THE PERFORMANCE OF A SINGLE-PHASE AUTOTRANSFORMER ON MATLAB/SIMULINK*
5. ENACHE BIANCA *TRANSMISSION TECHNIQUES FOR VAMOS GSM IN DOWNLINK*

Thursday, June 4th, 2015	15.00 – 16.30
Room Banatului 12	
Safety and Health at Work	
Chairmen: VINCENZO TORRETTA ROLAND-IOSIF MORARU LUCIAN – IONEL CIOCA	

1. TORRETTA VINCENZO, RADA ELENA
CRISTINA, RAGAZZI MARCO *SAFETY MANAGEMENT OF WWTPs*
2. CIOCA LUCIAN IONEL, MORARU
ROLAND IOSIF, BĂBUȚ GABRIEL BUJOR,
UNGUREANU NICOLAE STELIAN *INTEGRATING RISK ANALYSIS WITH SAFETY
DYAGNOSTIC IN COMPLEX INDUSTRIAL SYSTEMS:
MODELING HAZARD*
3. REMUS FURTUNĂ, ANGELA
DOMNARIU, PETRU LAZĂR *PSYCHOSOCIAL RISKS GENERATED BY ASSETS
SPECIFIC DESIGN SOFTWARE*
4. BĂBUȚ GABRIEL BUJOR, CIOCA LUCIAN
IONEL, POPESCU-STELEA MIHAI *OPERATIONAL CATEGORIZATION AND
CLASSIFICATION OF THE MALEVOLENT ACTS FOR
THEIR INTEGRATION IN THE RISK ASSESSMENT
PROCESS OF THE MAJOR ACCIDENTS*
5. UNGUREANU NICOLAE STELIAN,
DARABA DINU, MORARU ROLAND IOSIF *HEALTH AND SAFETY IN MAINTENANCE ACTIVITIES*
6. GABRIEL-DRAGOS VASILESCU,
EMILIAN GHICIOI, ATILA KOVACS,
DANIELA-CARMEN RUS, EDWARD
GHEORGHIOSU, CIPRIAN JITEA *ASSESSMENT OF OCCURRING RISK OF MAJOR
INDUSTRIAL ACCIDENTS WITH TAKING IN VIEW OF
MALEVOLENCE ACTIONS*

Agenda

Thursday, June 4th, 2015	17.00 – 18.30
Room Banatului 12	
Safety and Health at Work	
Chairmen:	
NICOLAE-STELIAN UNGUREANU	
GEORGE ARTUR GĂMAN	
REMUS FURTUNĂ	

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| 1. IVASCU VICTORIA LARISA,
CIRJALIU BIANCA, DRAGHICI ANCA | <i>OPERATIONALIZATION OF THE PROFESSIONAL
RISKS ASSESSMENT ACTIVITY</i> |
| 2. PĂUN FLORIN ADRIAN, PĂRĂIAN
MIHAELA, JURCA ADRIAN, LUPU
LEONARD, BERZAN MUNTEAN
FLORINA | <i>INNOVATIVE TECHNOLOGY FOR TESTING OF
PROTECTIVE GLOVES SPECIFIC PERFORMANCES</i> |
| 3. CRISTIAN TOMESCU, CONSTANTIN
LUPU, DORU CIOCLEA, VLAD-MIHAI
PĂSCULESCU | <i>INVESTIGATION OF THE CAUSES WHICH LED TO
THE OCCURRENCE OF A FIRE IN A GAS
DESULPHURISATION INSTALLATION – CASE STUDY</i> |
| 4. COSTA CRISTIAN, LUPU LUCIAN,
EDELHAUSER EDUARD | <i>PHYSICAL TRAINING METHODS FOR MINE
RESCUERS IN 2015</i> |
| 5. COSTA CRISTIAN, LUPU LUCIAN,
EDELHAUSER EDUARD | <i>SAFETY IMPROVEMENT SOLUTIONS IN COAL MINES
USING GIS</i> |

Parallel Session: Paper Presentations

Friday, June 5th, 2015

09.00 – 10.30

Friday, June 5th, 2015

9.00 – 10.30

Room IM 301

Research activity in technical universities

Chairmen:

RUŽENA KRÁLIKOVÁ

DAN CHICEA

VALENTIN PETRESCU

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| 1. | KRALIKOVÁ RUŽENA, SOKOLOVÁ HANA | <i>EXPERIMENTAL MEASUREMENTS AND EVALUATION OF INDOOR MICROCLIMATE CONDITIONS</i> |
| 2. | KRÁLIKOVÁ RUŽENA, MAĐORANOVÁ MARIETA | <i>DETERMINATION OF HEAT LOAD BY WET BULB GLOBE TEMPERATURE IN WORKING ENVIRONMENT</i> |
| 3. | CHICEA DAN, REI SILVIU | <i>TIME SERIES SPACE PHASE QUALITATIVE ANALYSIS AND A POSSIBLE APPLICATION</i> |
| 4. | MARIN LAURENTIU, PAVEL TOPALA, MARIN CATALINA DANIELA, SANDU TEODOR | <i>POLYURETHANE MATRIX NANOCOMPOSITES USED TO OBTAIN ANTI-SLIP, ANTI-WEAR AND FIRE-RESISTANT FLOORS FOR PUBLIC INSTITUTIONS, CIVIL AND INDUSTRIAL BUILDINGS</i> |
| 5. | BIGAN CRISTIN, PANDURU VALENTIN | <i>OPTIMISATION OF SUN TRACKING POSITIONING SYSTEM SKEDULE FOR SOLAR ENERGY FARMS</i> |
| 6. | BIBU MARIUS, DEAC CRISTIAN, GLIGOR ALINA, NEMES TODERITA | <i>ANALYSIS OF THE BEHAVIOUR OF SOME BINDING SYSTEMS ON THE LOCAL PROTECTION OF METALLIC PARTS AGAINST PLASMA NITRIDING</i> |
| 7. | NEMEŞ TODERIŢA, NEMES CATALIN, PETRESCU VALENTIN, BIBU MARIUS | <i>STUDY OF CATALYSTS USED FOR OXIDIZING CARBON MONOXIDE AND HYDROCARBONS IN INDUSTRIAL EXHAUST GASES</i> |

Friday, June 5th, 2015	9.00 – 10.30
Room IM 319	
Academic Education and Management	
Chairmen: ACHIM MUNTEAN EUGEN PĂMÎNȚAȘ VALENTIN GRECU	

1. PĂMÎNȚAȘ EUGEN *HIGHER TECHNICAL EDUCATION - RESEARCH VS. EDUCATION. TECHNIQUE OF TEACHING, BETWEEN CLASSICAL AND MODERN*
2. QUINT FABIAN, MURA
KATHARINA, GORECKY DOMINIC *IN-FACTORY LEARNING – QUALIFICATION FOR THE FACTORY OF THE FUTURE*
3. PASCU RADU VASILE *MODELLING A SUSTAINABLE INTEGRATED MANAGEMENT SYSTEM FOR UNIVERSITIES*
4. PERTEA ALINA, GRECU VALENTIN *USING THEATRIC PEDAGOGY TO DEVELOP SOCIAL AND EMOTIONAL SKILLS IN ORDER TO IMPROVE EMPLOYABILITY OF ENGINEERING STUDENTS*
5. IRIMIE, SABINA, PRICOPE
LUMINIȚA DOINA, PRICOPE SORIN,
IRIMIE, SABIN *METHODOLOGICAL ASPECTS REGARDING THE ORGANIZATIONAL STRESS ANALYSIS*
6. PASCU RADU VASILE *PARTICULARITIES OF IMPLEMENTING A SUSTAINABLE MANAGEMENT SYSTEM IN UNIVERSITIES*
7. PASCU RADU VASILE *A CONCEPTUAL APPROACH FOR THE SUSTAINABLE UNIVERSITY*

Friday, June 5th, 2015

09.00 – 10.30

Room Banatului 12

Safety and Health at Work**Chairmen:****GABRIEL BĂBUȚ****CONSTANTIN LUPU****DORU-COSTIN DARABOŢ**

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| 1. | ANTONOV ANCA ELENA, BUICA
GEORGETA, DARABONT DORU COSTIN,
BEIU CONSTANTIN | <i>THE IMPACT OF OCCUPATIONAL HAZARDS
IN WORKPLACES - MAINTENANCE, A MAIN
TARGET FOR ENSURING THE SAFETY OF
WORKING EQUIPMENT</i> |
| 2. | SCARLAT IULIANA, HAIDUCU MARIA,
STEPA RALUCA | <i>AIR CONTAMINATION WITH FUNGALS IN
MUSEUM</i> |
| 3. | IRIMIA ALIN, SORIN SIMION, PUPĂZAN
DANIEL, CĂLĂMAR ANGELA | <i>NOISE AS A RISK FACTOR IN THE
PREPARATION OF USEFUL MINERAL
SUBSTANCES</i> |
| 4. | SORIN BORZA | <i>THE CONTRIBUTIONS TO THE STUDY OF
CARBON MONOXIDE POLLUTION DUE TO
CAR TRAFFIC IN A DENSELY POPULATED
AREA</i> |
| 5. | TARNU LUCIAN IOAN | <i>ASPECTS CONCERNING THE RULES AND THE
INVESTIGATION OF TRAFFIC ACCIDENTS AS
WORK ACCIDENTS</i> |
| 6. | MIHAI-ADRIAN BERNEVIG-SAVA,
NICOLETA MONICA LOHAN, CONSTANTIN
BACIU, COSTICĂ BEJINARIU | <i>THE OBJECTIVE IDENTIFICATION OF
DANGERS – THE ESSENCIAL CONDITION TO A
REAL EVALUATION OF PROFESSIONAL
INJURIES AND ILLNESSES' RISKS</i> |