

**International Conference for Doctoral Students**

# **PROGRAM**

**3rd Edition - June 22-23, 2017**

The logo for IPC 2017 features the letters 'i', 'P', and 'C' in a bold, black, sans-serif font. The 'i' is lowercase and has a small dot. The 'P' and 'C' are uppercase. The letters are interconnected, with the 'i' and 'P' sharing a vertical stroke, and the 'P' and 'C' sharing a horizontal stroke. Below the letters, the year '2017' is written in a bold, black, sans-serif font.

**IPC  
2017**

***Transilvania* University, Braşov - ROMANIA**



## **GENERAL CHAIRS**

Ioan Vasile ABRUDAN - Rector,  
*Transilvania University of Brasov*

Ioan BONDREA - Rector,  
*Lucian Blaga University of Sibiu*

## **STEERING COMMITTEE**

Catalin ALEXANDRU - Director of the Council for Doctoral Studies,  
*Transilvania University of Brasov*

Claudiu Vasile KIFOR - Vice-Rector for Scientific Research & Doctoral Studies,  
*Lucian Blaga University of Sibiu*

## SCIENTIFIC COMMITTEE

### *Transilvania University of Brasov*

### *Lucian Blaga University of Sibiu*

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BURADA Marinela	MOCEANU Ovidiu	DRAGULESCU Radu
BUZATU Constantin	MUNTEANU Daniel	DUSE Dan-Maniu
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CIOARA Gheorghe Romeo	OANCEA Gheorghe	GUTAN Manuel
CIUREA Eleonor	PEPELEA Roxana Maria	HERCIU Mihaela
COROIU Petruta	POPA Bogdan	KIFOR Claudiu Vasile
CUSEN Gabriela	PUCHIANU Carmen Elisabeth	OANCEA Simona
DEACONESCU Andrea	ROGOZEA Liliana	OGREAN Claudia
DEACONESCU Tudor Ion	SANDU Venetia	OLESIK Valentin
DINULICA Florin	SAFTOIU Razvan	OPREAN Constantin
DRAGOI Mircea Viorel	SAVESCU Dan	PASCU Adrian
ENESCA Alexandru	SOFLETEA Neculae	RACZ Sever Gabriel
EPURAN Gheorghe	STANCIOIU Tudor	SAVA Doris
GHEORGHE Mihaela	TABIRCA Sabin	SECELEAN Nicolae Adrian
GUREAN Dan	TIMAR Maria Cristina	STANILA Adriana
HELEREA Elena	TINT Diana	TERIAN Andrei
INDREICA Adrian	VLASE Sorin	TIPLIC Ioan Marian
		VINTAN Lucian

## ORGANIZING COMMITTEE

ALEXANDRU Catalin, PhD, *Transilvania University of Brasov*

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DUMITRASCU Ramona-Elena, PhD, *Transilvania University of Brasov*

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SAVESCU Dan, PhD, *Transilvania University of Brasov*

SERBAN Anca, PhD, *Lucian Blaga University of Sibiu*

ARDELEANU Oana, PhD Student, *Transilvania University of Brasov*

BALDEA Ana-Maria, PhD Student, *Transilvania University of Brasov*

BRAGA Ion Cristian, PhD Student, *Transilvania University of Brasov*

CAPENEATA Ionut, PhD Student, *Transilvania University of Brasov*

CHIRILA Adina, PhD Student, *Transilvania University of Brasov*

COJOCARU Horatiu, PhD Student, *Lucian Blaga University of Sibiu*

DASCALESCU Cristina Anca, PhD Student, *Transilvania University of Brasov*

DIMITRIU Anca-Maria, PhD Student, *Transilvania University of Brasov*

CIOLAN (IFTIMICIUC) Mihaela Andreea, PhD Student, *Transilvania University of Brasov*

MANEA Adrian Constantin, PhD Student, *Transilvania University of Brasov*

NEAGU Andrei, PhD Student, *Transilvania University of Brasov*

PALTAN Radu Dan, PhD Student, *Transilvania University of Brasov*

PUSCASU Cristina, PhD Student, *Transilvania University of Brasov*

RAULEA Andreea, PhD Student, *Lucian Blaga University of Sibiu*

SCHIOPU Camelia, PhD Student, *Transilvania University of Brasov*

SMARANDOIU Marius, PhD Student, *Lucian Blaga University of Sibiu*

STEELEA George-Alex, PhD Student, *Transilvania University of Brasov*

SUTEU Claudia Ligia, PhD Student, *Transilvania University of Brasov*

VETRICE Georgiana, PhD Student, *Transilvania University of Brasov*

## CONFERENCE PURPOSE & TOPICS

The 3rd edition of the International Conference for Doctoral Students - IPC will be held in Braşov, Romania, on the 22nd & 23rd of June, 2017. The conference is organized by the Doctoral Institutes from *Transilvania* University of Braşov and *Lucian Blaga* University of Sibiu.

The purpose of the conference is to provide PhD students the opportunity to discuss and exchange ideas and opinions regarding their current and ongoing research, as well as to disseminate to the academic community their most recent and innovative contributions to scientific development in the corresponding research areas. Keynote presentations and parallel sessions are planned during the conference.

The 105 papers accepted and registered for presentation at the conference cover the following topics: Mechanical Engineering (8 papers), Industrial Engineering (7), Engineering & Management (4), Materials Engineering (3), Electrical Engineering (2), Computers & Information Technology (2), Forestry Engineering (1), Silviculture (2), Mathematics (2), Informatics (1), Philology (22), History (8), Law (6), Economy (2), Management (3), Marketing (6), Finance (3), Music (1), Medicine (10), Theology (3), Creativity & Innovation (9).

## CONFERENCE VENUE

The conference will be held at the *Sergiu T. Chiriacescu* Aula of the *Transilvania* University of Brasov (41A Iuliu Maniu Street).



### Contact:

Camelia SCHIOPU, PhD Student

*Transilvania* University of Brasov

29 Eroilor Bvd., 500036 Brasov, Romania

Phone: +40740194535

E-mail: [ipc@unitbv.ro](mailto:ipc@unitbv.ro)

Website: <http://ipc.unitbv.ro>





<b>THURSDAY, JUNE 22<sup>ND</sup>, 2017</b>		
14:00 - 15:30	<b>Registration</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>	
15:30 - 16:30	<b>Opening ceremony</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>  <b>Moderators:</b> Camelia SCHIOPU, Marius SMARANDOIU	
	<b>Plenary Session</b> <i>Scientometric approaches in scientific publishing</i> <b>Dr. Victor VELTER</b> - Bureau of Science Policy and Scientometrics, UEFISCDI, Bucharest	
16:30 - 17:00	<b>Coffee Break</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>	
17:00 - 18:00	<b>Parallel Sessions: Papers Presentations</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>	
	<b>Philology</b> <i>(Room U.I.2)</i>	<b>Medicine</b> <i>(Room U.I.3)</i>
	<b>Marketing</b> <i>(Room U.I.6)</i>	<b>Industrial Engineering</b> <i>(Room U.I.7)</i>
	<b>Mechanical Engineering</b> <i>(Room U.II.2)</i>	<b>Creativity &amp; Innovation</b> <i>(Room U.II.3)</i>
	<b>Gala Dinner</b> <b>(MEMO Students Restaurant, 39 Memorandului Street)</b>	
19:00 - 22:00	<b>Gala Dinner</b> <b>(MEMO Students Restaurant, 39 Memorandului Street)</b>	

<b>FRIDAY, JUNE 23<sup>RD</sup>, 2017</b>		
09:00 - 11:00	<b>Parallel Sessions: Papers Presentations</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>	
	<b>Philology</b> <i>(Room U.I.2)</i>	<b>Medicine</b> <i>(Room U.I.3)</i>
	<b>Marketing Management Economy</b> <i>(Room U.I.6)</i>	<b>Theology Music Silviculture Forestry Engineering</b> <i>(Room U.I.7)</i>
	<b>History</b> <i>(Room U.II.2)</i>	<b>Law</b> <i>(Room U.II.3)</i>
11:00 - 11:30	<b>Coffee Break</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>	
11:30 - 13:30	<b>Parallel Sessions: Papers Presentations</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>	
	<b>Philology</b> <i>(Room U.I.2)</i>	<b>Mathematics Informatics</b> <i>(Room U.I.3)</i>
	<b>Finance Materials Engineering</b> <i>(Room U.I.6)</i>	<b>Engineering &amp; Management Industrial Engineering</b> <i>(Room U.I.7)</i>
	<b>Electrical Engineering Computers &amp; Information Technology Mechanical Engineering</b> <i>(Room U.II.2)</i>	<b>Creativity &amp; Innovation</b> <i>(Room U.II.3)</i>
13:30 - 15:00	<b>Lunch</b> <b>(Aula of Transilvania University, 41A Iuliu Maniu Street)</b>	

**Parallel Sessions: Papers Presentations**

**Thursday, June 22<sup>nd</sup>, 2017**

**17:00 – 18:00**

Room U.I.2

**Philology**

**Session Chairs:** Iringó Cora (Abrudan), Anca Maria Dimitriu

Alina Baja	FRENCH LITERATURE FOR CHILDREN IN THE 19TH AND 20TH CENTURY
Elena Baldea	THE INTEREST OF THE AUTHOR NICOLAE CONSTANTIN BATZARIA REGARDING THE ORIENTAL MOTIVES REUSED IN THE FANTASTIC SHORT STORIES OF MR. NENEA IANCU AFTER 1905: KIR IANULEA
Iringó Cora (Abrudan)	LE MYTHE PERSONNEL DE CHARLES BAUDELAIRE DANS SES « JOURNAUX INTIMES. FUSÉES. MON CŒUR MIS À NU » : ENJEUX MODERNES ET ACTUELS DE LA PSYCHOCRITIQUE
Madalina Liana Iacob	URBAN ANTHROPOLOGY AND THE SMALL MUSEUM IN THE XXIST CENTURY

Room U.I.3

**Medicine**

**Session Chairs:** Marius Smarandoiu, Laurentiu Stupariu

Andra-Maria Bebeselea, Ioan Manitiu	MULTIMODALITY IMAGING IN THE ASSESSMENT OF CARDIAC ISCHAEMIC HEART DISEASE
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George Boca, Carmen Domnariu	THE YIELD OF USING INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) FOR HEALTH, TARGETING SMOKING, ALCOHOL AND NUTRITION: A SYSTEMATIC REVIEW
Gabriela Denisa Caileanu, Adriana Stanila	PHACOCANALOPLASTY: 2-YEARS CLINICAL RESULTS
Emilia Ghita, Radu Gheorghe Solomon	THYROID GLAND NODULES: ECHOGRAPHIC AND PATHOLOGY LAB CORELLATIONS - CHIMERIC IMAGES ON A RARE CASE REPORT

Room U.I.6

### **Marketing**

**Session Chairs:** Lorant Bucs, Madalina Stefan

Lorant Bucs	CONSULTING SERVICES OFFERED ON THE ROMANIAN MARKET FOR SMALL AND MIDDLE ENTERPRISES
Ioana Madalina Ciongradi	MULTILEVEL MARKETING FOR EVERYBODY IS NOT FOREVER
Ecaterina Grajdieru	NEUROMARKETING AND ITS INTERNAL MARKETING APPLICATIONS
Istvan Hegedus, Madalina Stefan	EXTERNAL FACTORS OF THE RAIL FREIGHT TRANSPORTATION

Room U.I.7

### **Industrial Engineering**

**Session Chairs:** Silviu Rei, Georgiana Vetrice

Florin Dobrita, Dan Dobrota, Ioan Dan Popa	PRODUCTION LINE RELOCATION – DEFINING MINIMUM BUFFER STOCKS
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Daniel Nasulea, Gheorghe Oancea, Ion Neagoe	PARAMETRIC DESIGN OF DIES FOR CUTTING AND EMBOSsing USING CATIA ENVIRONMENT
Iulian-Alexandru Orzan, Constantin Buzatu	THE INFLUENCE OF THERMAL DEFORMATIONS OF MI-CROMETERS AND DIAL INDICATORS OVER THE PRECISION FOR PRODUCT QUALITY MEASUREMENT
Ioana Rebenciuc	DETERMINATION OF MINERALS, HEAVY METALS AND BISPHENOL-A FROM WINE PACKAGED IN THE POLY-ETHYLENE TEREPHTHALATE

Room U.II.2

### Mechanical Engineering

**Session Chairs:** Mihaela Andreea Ciolan, Paul Tucan

Iosif Birlescu, Calin Vaida, Florin Graur, Corina Radu, Doina Pisla	MEDICAL INSTRUMENT FOR ROBOTIC ASSISTED RADIOFREQUENCY LIVER ABLATION
Elena Alexandra Chiulan, Ion Popa, Anton Anton	EXPERIMENTAL STUDY ON AN AEROELASTIC MODEL OF A TELEVISION TOWER IN THE BOUNDARY LAYER WIND TUNNEL
Mihaela Andreea Ciolan, Simona Lache, Marian N. Velea	CELLULAR CORES WITH NEGATIVE POISSON'S RATIO FOR SANDWICH PANELS
Cosmin Cristea, Ioan Stroe	THE STUDY OF THE SYNCHRONOUS MOTOR

Room U.II.3

### Creativity & Innovation

**Session Chairs:** Serban Bobancu, Ramona Elena Dumitrascu, George Stelea

Gheorghe Anghel, Elena Helerea	AN APPLICATION OF EUCLIDEAN GEOMETRY. ARCHIMEDES' QUADRUPLETS
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Rares-Lucian Chiriac, Anghel Chiru	NEW CONSTRUCTIVE SOLUTIONS FOR HYBRID TURBOCHARGERS AS ELECTRICAL ENERGY GENERATOR FOR INCREASING THE ENERGY SUPPLY OF THE VEHICLE
Ovidiu Andrei Condrea	INOVATIVE SOLUTIONS FOR CYCLIST SAFETY SYSTEMS
Marius-Daniel Iftime, Codrina Pantea	IDENTIFICATION OF RISK FACTORS AND DISEASES IN FORESTRY

**Parallel Session: Papers Presentations**

*Friday, June 23<sup>rd</sup>, 2017*

**09:00 – 11:00**

Room U.I.2

09:00 – 11:00

**Philology**

**Session Chairs:** Bianca Anamaria Arion, Oana Larisa Oanea

Bianca Anamaria Arion, Marilena Milcu	LES PROCESSUS DE LA TRADUCTION
Anca-Maria Dimitriu	LA PRÉCISION DE LA DÉFINITION EN TERMINOLOGIE
Malina Iulia Duta	WALKING THE LINE: CUBAN EXILES IN THE UNITED STATES AND MAGHREBIN IMMIGRANTS IN FRANCE
Ana-Maria Haranita	MELANHOLIE ȘI DECADENȚĂ ÎN CREAȚIA EPICĂ A LUI EUGEN BARBU
Sokhoun Hov	COMPARATIVE PERSPECTIVES ON POST-COLONIALISM: SOUTHEASTERN ASIA AND CENTRAL EASTERN EUROPE

Maria-Marcela Ivan	BIOGRAFISCHE ASPEKTE VON ANDREAS BIRKNER. ETAPPEN SEINES SCHAFFENS
Madalina Larisa Kimak	THE GROTESQUE IN CORMAC MCCARTHY'S CHILD OF GOD
Réka Kutasi	THE ROLE OF LINGUISTICS IN THE EVALUATION AND TREATMENT OF APHASIA
Elena Mestereaga	OUT-OF-CLASS USE OF ENGLISH AND EFL LEARNING IN ROMANIA

Room U.I.3  
09:00 – 11:00

### Medicine

**Session Chairs:** Marius Smarandoiu, Laurentiu Stupariu

Radu Popa-Nedelcu, Costel Siserman, Carmen Domnariu	EPIDEMIOLOGICAL STUDY ABOUT DOMESTIC VIOLENCE
Marius Smarandoiu, Adriana Stanila	EYE COMPLICATIONS OF PATIENTS WITH HEAD INJURIES. CRANIO-FACIAL TRAUMA EMERGENCIES
Radu Gheorghe Solomon, Emilia Ghita	IMPACTED UPPER MOLARS-THERAPEUTICAL OPTIONS FOR IMPLANTO-PROSTHETIC REHABILITATION - CASE REPORT
Laurentiu Stupariu, Liliana Coldea, Adrian Teodoru, Florin Grosu, C.G. Maniu, Elena Mihai, Lorand Kiss, Dragos Anton Dadarlat	THE CONSEQUENCES OF BLUNT TRAUMA ON THE LENS
Laurentiu Stupariu, Elena Mihai, Florin Grosu, Liliana Coldea, Dragos Dadarlat, Adrian Teodoru, Lorand Kiss, Cosmin G. Maniu	CORRELATIONS BETWEEN SECONDARY GLAUCOM AND OCULAR HIPERTONY AFTER BLUNT TRAUMA

Cristina I. Trihenea, Adriana  
Stanila, Ionela Maniu

QUALITATIVE INTERPRETATION OF VISUAL  
ACUITY IN DRY EYE PATIENTS

Room U.I.6  
09:00 – 10:00

### **Marketing – Management**

**Session Chairs:** Lorant Bucs, Madalina Stefan

Elena Lidia Melnic

THE EMERGENCE OF THE MARKETING MIX  
IN THE BANKING SECTOR

Madalina Stefan, Istvan  
Hegedus

THE ANALYSIS OF THE ROMANIAN PUBLIC  
HEALTH SYSTEM. CASE STUDY: THE  
IMPORTANCE OF EDUCATION IN  
PREVENTING CANCER

Mihai Ciubotaru

HISTORIC TOWN CENTRE MANAGEMENT-  
THE REAL ESTATE INDUSTRY

Room U.I.6  
10:00 – 11:00

### **Management – Economy**

**Session Chair:** Radu Alexandru Serban

Iulia Dumitrascu-Baldau,  
Danut Dumitru Dumitrascu

SKILLS AND COMPETENCES INTERNATIONAL  
PROJECT MANAGERS NEED TO BE SUCCESSFUL  
IN A VIRTUAL WORK ENVIRONMENT

Radu-Alexandru Serban

PERFORMANCE – FROM HOW TO MEASURE  
TO HOW TO MANAGE. AN OVERVIEW

Ramona Marcela Puica

COMPETITIVENESS AND PILLARS OF  
COMPETITIVENES

Yavor Stoyanov

BENEFIT ASSESSMENT OF PASSIVE HOUSE IN  
BULGARIA IN SUSTAINABILITY CONTEXT



Room U.I.7  
09:00 – 10:00

### Theology – Music

**Session Chair:** Remus Petran

Alexandra Belibou	MUSIC IN PATROLOGY WISDOM
Stefania Pavel, Bogdan Cretu	PETRE ȚUȚEA - JOCUL TEOLOGAL ÎNTRE PRAKTIKOS ȘI THEORETIKOS
Remus Petran	MITROPOLITE NICHOLAS BALAN SAVES FROM DEATH A LARGE NUMBER OF JEWS
Florin Paun	KERYGMATIC MESSAGE IN THE LORD'S SUPPER RECITATIVE FROM MATTHÄUS-PASSION BY J.S. BACH (MUSICAL-RHETORICAL FIGURES AND AFFECTS)

Room U.I.7  
10:00 – 11:00

### Silviculture – Forestry Engineering

**Session Chair:** Cristian Balacescu

Cristian Balacescu, Filofteia Negrutiu	THE INVISIBLE FOREST - AN ANALYSIS OF THE FACTORS FACILITATING THE OCCURRENCE OF ILLEGAL ACTIVITIES IN ROMANIAN FORESTRY
Margareta Crivat	THE EFFECTS OF CLEANING - RESPACING ON STAND STRUCTURE IN A YOUNG EUROPEAN BEECH (FAGUS SYLVATICA L.) STAND: A CASE STUDY
Dana Mihaela Pop, Anca Maria Varodi	COMPARATIVE EVALUATION OF FIVE LABORATORY SCREENING TESTS FOR ASSESING THE ANTIFUNGAL POTENTIAL OF PRODUCTS FOR WOOD PRESERVATION

## History

**Session Chairs:** Corina Hopartean, Razvan Popa

Alexandru Cioltei	ADMINISTRATIVE-TERRITORIAL LAIC INSTITUTIONS IN 12TH CENTURY MEDIEVAL TRANSYLVANIAN DOCUMENTS
Corina Hopartean	WRITTEN SOURCES REGARDING PAULINE MONASTERIES IN MEDIEVAL TRANSYLVANIA
Irina-Mihaela Laslea	RELIGION AND POLITICS IN CONTEMPORARY INTERNATIONAL RELATIONS. A CRITICAL REVIEW OF THEORIES OF SECULARIZATION AND DE-SECULARIZATION
Romeo Petre Poponea, Paul Florin Marica	PARTY EDUCATION IN COMMUNIST ROMANIA: INTER – COUNTY CADRE SCHOOLS
Razvan Popa	THE COMMUNIST VILLAGE HALL BETWEEN POLITICAL PROPAGANDA AND CULTURAL WORK. RESEARCH PROJECT
Mona Simu	MIGRATION REFLECTED IN ROMANIAN NEWSPAPERS - HIGHLIGHTS ON THE REFUGEE CRISIS. PRELIMINARY RESEARCH ON TWO NATIONAL DAILY NEWSPAPERS: JURNALUL NATIONAL AND LIBERTATEA (MARCH-AUGUST 2016)
Nicolae Adrian Sovrea	ASPECTS OF FUNERARY CERAMICS IN THE TRANSYLVANIAN INTRACARPATIC AREA (9TH-11TH CENTURIES)

Iustin Florin Vancea

THE ROMANIAN MILITARY ATTACHÉS  
INSTITUTION (1878-1945) - CONCEPTUAL  
DEFINITION, THE EXPLOITATION OF THE  
PROBLEMS, THE PURPOSE AND THE  
RESEARCH DIRECTIONS

Room U.II.3  
09:00 – 11:00

**Law**

**Session Chair:** Ionut Florin Cofaru

Maria-Iuliana Ciocan

THE RIGHT TO A FAIR TRIAL DURING THE  
ENFORCEMENT PROCEDURE

Ionut Florin Cofaru

THE APPLICATION OF THE FAVOR  
CONTRACTUS PRINCIPLE WITH REGARD TO  
VICES OF CONSENT - ERROR AND FRAUD

George Marius Mara

JUDICIAL ERROR AND THE LIABILITY OF  
MAGISTRATES

Marius Ionel Nicolau

OPINIONS ON CONVENTIONAL LIMITATIONS  
OF OWNERSHIP

Alexandra Raisa Roscan

THE DECISIONS OF THE HIGH COURT OF  
CASSATION AND JUSTICE WITH REGARDS TO  
THE ENFORCEMENT OF THE MOST  
FAVOURABLE CRIMINAL LAW AFTER THE  
FINAL TRIAL OF THE CASE

Nicoleta Roxana Serbanoiu

SOME VIEWS ON THE MATRIMONIAL  
REGIME REGULATION OF THE CURENT  
ROMANIAN CIVIL CODE AND THE DILIGENT  
EXECUTION OF THE COMMON GOODS OF  
THE SPOUSES

**Parallel Sessions: Papers Presentations**

**Friday, June 23<sup>rd</sup>, 2017**

**11:30 – 13:30**

Room U.I.2  
11:30 – 13:30

**Philology**

**Session Chairs:** Constantin Petrea, Dorin Sergiu Ursut

Oana-Larisa Oanea	EXPERIENȚA FEM(İNINĂ) ÎN PROZA POSTDECEMBRISTĂ
Constantin Petrea	THE APTER PILGRIM OR HOW LIGHT IS WOVEN OUT OF THE WAVING OF THE WING
Anca Pirnoiu	DEATH RELOADED: A RENDITION OF INTRINSIC DISPOSITION IN MATEI CALINESCU'S <i>UN ALTFEL DE JURNAL</i>
Laura Pop	NICHOLAS CATANOY, SCRITOR ROMAN AL EXILULUI, INTRE BAROMETRE DE VALOARE LOCALA, NATIONALA SI UNIVERSALA
Aniela Toma	TRIBAL ORGANISATION IN LORD OF THE FLIES. AN ANTHROPOLOGICAL PERSPECTIVE
Dorin Sergiu Ursut	CARICATURA - O FORMA A GROTESCULUI ÎN ARTA
Andreea Vlasceanu	CONTRIBUTII LINGVISTICE PRIVIND OBICEIURILE SI TRADITIILE DE NUNTA DIN AREALUL SLANIC PRAHOVA
Irina Vrabie	THE CONCEPTUAL CATEGORY OF THE DIMINUTIVE IN ENGLISH AND ROMANIAN – EXISTENCE, RECURRENCE, STATUS IN CONTEMPORARY LANGUAGE

Yuqin Wang

BRIEF ANALYSIS ON ROMANIAN STUDENTS'  
LANGUAGE TRANSFER IN CHINESE LEARNING

Room U.I.3  
11:30 – 12:30

**Mathematics – Informatics**

**Session Chair:** Adina Chirila

Adina Chirila

GENERALIZED MICROPOLAR THERMO-  
ELASTICITY WITH FRACTIONAL ORDER STRAIN

Mihaela Smuc

ON A CHLODOVSKY VARIANT OF A  
BERNSTEIN OPERATOR

Ionut Sandu, Ionut Petre,  
Doina Banciu

SECURITY CHALLENGES OF .RO DOMAINS AT  
THE CORE OF INFORMATION SOCIETY

Room U.I.6  
11:30 – 12:30

**Finance**

**Session Chair:** Ioana Tatiana Stanese

Csaba Balint

ACCOUNTING INFORMATION ON THE  
BALANCE SHEET – WITH ERRORS, IN THE  
CASE OF GAMBLING ORGANIZERS

Nicolae Baltas, Alexandra-  
Gabriela-Maria Dragoie

THE RISK ASSESSMENT OF THE  
INVESTMENTS IN THE COMPANIES  
BELONGING TO THE MANUFACTURING  
INDUSTRY IN ROMANIA, LISTED ON THE  
BUCHAREST STOCK EXCHANGE

Ioana Tatiana Stanese,  
Madalina Caraus, Mihai  
Aristotel Ungureanu

REGIONAL DEVELOPMENT OF ROMANIA -  
PREMISE FOR BETTER FINANCING OF  
PROJECTS

Room U.I.6  
12:30 – 13:30

### **Materials Engineering**

**Session Chair:** Ioan Dan Popa

Victor Cebotari, Niculina  
Argentina Sechel, Petru  
Pascuta, Florin Popa

HEUSLER THERMOELECTRIC ALLOY  
OBTAINED BY SOLID STATE REACTION

Silviu Rei, Dan Chicea

USING BASIC DYNAMIC LIGHT SCATTERING  
EXPERIMENTAL SETUP AND NEURAL  
NETWORKS FOR PARTICLE SIZING

Elena-Lacramioara Tiron,  
Mihaela Cosnita, Simona-  
Corina Matej, Aurel Crisan

THE EFFECT ON SOME CONTROLLING  
FACTORS OF QUALITY OF HOT-DIP  
GALVANIZED COATINGS

Room U.I.7  
11:30 – 12:30

### **Engineering and Management**

**Session Chair:** Andreea Raulea

Ana-Maria German

A REAL OPTION PERSPECTIVE FOR  
INDUSTRIAL ENTERPRISES IN A DYNAMIC  
ENVIRONMENT

Diana Muntean, Andreea  
Simina Raulea

THE INTANGIBLE ASSETS ADVANTAGES IN  
THE MACHINE VISION INSPECTION OF  
THERMOPLASTIC MATERIALS

Flaviu Constantin Musat,  
Florin- Constantin Mihiu

COLLABORATIVE ROBOTS AND KNOWLEDGE  
MANAGEMENT - A SHORT REVIEW

Ildikó Simo

EXPLOITATION OF OPEN EDUCATIONAL  
RESOURCES IN ENGINEERING EDUCATION -  
PURPOSE OF RESEARCH

Room U.I.7  
12:30 – 13:30

### **Industrial Engineering**

**Session Chairs:** Silviu Rei, Georgiana Vetrice

Roxana Tufeanu, Adriana Tita,  
Ion Mironescu, Ovidiu Tita

DEVELOPMENT OF LOW FAT STIRRED  
YOGURT WITH PSYLLIUM HUSKS

Georgiana Vetrice, Andrea  
Deaconescu

KINEMATIC ANALYSIS OF ELBOW  
REHABILITATION EQUIPMENT

Diana Volar, Octavian Bologa,  
Sever Gabriel Racz

APPLICATION OF MODERN EXPERIMENTAL  
STRATEGY FOR PARAMETERS OF A  
RECONFIGURABLE DIE

Room U.II.2  
11:30 – 12:30

### **Electrical Engineering – Computers & Information Technology**

**Session Chair:** Ernő Horváth

Adrian Lascu, Dan Stoia,  
Beatrice Ghita

RESEARCH FOR OVERHEAD POWER LINES  
MONITORING

Silviu Rei, Dan Chicea, Ilie  
Beriliu, Sorin Olaru

DYNAMIC LIGHT SCATTERING SIGNAL  
CONDITIONING FOR DATA PROCESSING

Ernő Horváth, Claudiu  
Pozna, Áron Ballagi

ROAD RECOGNITION USING FULLY  
CONVOLUTIONAL NEURAL NETWORKS

Liviu Marina, Andreea Sandu

DEEP REINFORCEMENT LEARNING FOR  
AUTONOMOUS VEHICLES–STATE OF THE  
ART

Room U.II.2  
12:30 – 13:30

### Mechanical Engineering

**Session Chairs:** Mihaela Andreea Ciolan, Paul Tucan

Kinga Major, Giuseppe Carbone, Zoltan Major, Calin Vaida, Doina Pisla	PREDEFINED ASSESSMENT TOOLS IN ROBOT ASSISTED PHYSICAL THERAPY AFTER STROKE
Ioan Dan Popa, Florin Dobrita	CONSIDERATIONS ON DOP (DEPTH OF PENETRATION) TEST FOR EVALUATION OF CERAMICS MATERIALS USED IN BALLISTIC PROTECTION
Ion Popa, Elena Alexandra Chiulan, Anton Anton	EXPERIMENTAL STUDY FOR VARIABLE ROUGHNESS IN THE NEW BOUNDARY LAYER WIND TUNNEL TASL1-M
Paul Tucan, Bogdan Gherman, Nicolae Plitea, Doina Pisla	DESIGN OF A PARALLEL ROBOT FOR TRANSPERINEAL PROSTATE BIOPSY

Room U.II.3  
11:30 – 13:30

### Creativity & Innovation

**Session Chairs:** Serban Bobancu, Ramona Elena Dumitrascu, George Stelea

George-Alex Stelea, Cristinel Gavrilă	DEVELOPMENT AND MANAGEMENT SYSTEM FOR WEB APPLICATIONS AND WEBSITES
Marius Suci	SYSTEM OF RECOGNITION 2D PARTS WITH THE HELP OF THE WEB CAM
Elena - Lacramioara Turbatu (Chiculita), Nouras Barbu Lupulescu	MANAGEMENT STRATEGIES FOR GREENING INDUSTRY ACQUISITIONS
Olimpia-Minerva Turcas (Diaconu)	DEVICE FOR TESTING SPORTS FLOORING STRUCTURES
Catalina Verdugo Bernal, Otto Balseca Sampedro	DECISIVE INNOVATIONS FOR HUMANITY - <i>WHAT PEOPLE THINK</i>