

**“DUNĂREA DE JOS” UNIVERSITY OF
GALAȚI
DOCTORAL SCHOOL OF ENGINEERING
DOCTORAL SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**

With the official endorsement of E-MRS



**SCIENTIFIC CONFERENCE OF
DOCTORAL SCHOOLS FROM UDJ
GALAȚI
PROGRAMME**

CSSD-UDJG 2015
Third Edition

GALAȚI, 4th-5th of June 2015



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Section 6	6.1. ENGLISH LITERATURE AND TRANSLATION STUDIES Professor Alexandra Cornilescu Professor Ștefan Avădanei Assoc. prof. Agnieszca Szwach Assoc. prof. Hanna Mijas; Professor Elena Croitoru; Professor Michaela Praisler 6.2. ROMANIAN LITERATURE Professor Mircea Diaconu Professor Doinița Milea Professor Simona Antofi	Professor Mariana Neagu Professor Nicoleta Ifrim Oana-Celia Gheorghiu Andreea Ionescu Lucia Ciucă Carmen Maftei
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Edited by
 Elena Mereuță, Mădălina Rus, Daniel Ganea



CONFERENCE PROGRAMME

THURSDAY – 4th of June 2015

08:30 - 11:30	Participants registration
09:30 - 10:30	Opening Ceremony
10:30 - 11:15	Invited plenary lectures
11:15 - 11:30	Coffee break
11:30 - 13:00	Invited plenary lectures
13:00 - 14:00	Lunch (building D - 1st floor)
14:00 - 15:15	Invited plenary lectures Oral presentations in concurrent sections
15:15 - 15:30	Coffee break
15:30 - 17:30	Oral presentations in concurrent sections
18:00 - 21:00	Festive dinner (boat trip on the Danube)

FRIDAY -5th of June 2015

9:00 - 11:00	Oral presentations in concurrent section
11:00 - 11:15	Coffee break
11:00 - 12:00	Poster Session (Building D, central hall, 1st floor)
12:00 - 13:30	Oral presentations in concurrent sections
13:30	Awarding ceremony. Closing ceremony


THURSDAY – 4th of June 2015
08:30 - 11:30 Participants registration (Building D, central hall)
09:30 - 10:30 Opening Ceremony (Room D12)

Professor **Viorica Mușat** - President of Council for Doctoral Studies of UDJG
 Professor **Iulian Gabriel Bîrsan** – Rector of UDJG
 Professor **Rodrigo Martins** - President of Materials Science Department of Faculty of Science and Technology of New University of Lisbon
 Engineer **Dorin Otrocol** – County Prefect
 Professor **Nicolae Bacalbasa** - County Council President
 Professor **Anca Nicolau** – Vice-rector of UDJG

10:30 - 11:15 Invited plenary lectures (All sections - Room D12)

Moderators: Professor Rodrigo Martins, Professor Robert Armon

10:30-10:50	<u>Constantin Ardeleanu</u>	The Lower Danubian Ports of Brăila and Galați. History and Contemporaneity
10:50-11:15	<u>Rodrigo Martins</u> , L. Pereira, A. Vicente, P. Barquinha, H. Águas, D. Gaspar, B. Veigas, MN Mafalda, T. Mateus, A. Araújo, Elvira Fortunato	Paper electronics, the breakthrough of the future

11:15 - 11:30 Coffee break
11:30 - 13:00 Invited plenary lectures (All sections, Room D12)

Moderators: Professor Elvira Fortunato, Professor Anca Nicolau

11:30-12:00	<u>Elvira Fortunato</u> , R. Branquinho, Lidia Santos, Daniela Salgueiro, Pedro Barquinha, Luís Pereira and Rodrigo Martins	Why amorphous metal oxides are so interesting materials?
12:00-12:30	<u>Robert Armon</u>	Wine aging using hybrid bio-functional thin films as a model of enzymatic shelf improvement ("Smart" bottles/packageing)
12:30-13:00	<u>Horia Iovu</u>	Polymer biomaterials for medical applications

13:00 - 14:00 Lunch (building D - 1st floor)
14:00 - 15:15 Invited plenary lectures (Sections 1-4, Room D12)

Moderators: Professor Horia Iovu, Professor Viorica Mușat

14:00-14:25	<u>Codrin Mardare</u>	"SEM-TEM-AFM" - nanometric level microscopy and its importance
14:25-14:50	<u>Iulian Boerasu</u> , Diane Van	Electron microscopy: an ideal tool to burst the



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	Rossum, Steve Hant, Ben Lich, Rodica Stocian	barrier between the fundamental research and the applied research on (nano)biosensors
14:50-15:15	<u>Flaviu Domsa</u> , Rodica Stoian	A reliable work-flow for production and characterization of the 3rd generation of solar cells

14:00 - 15:15 Invited plenary lectures (Sections 6.1-6.2, Room D11)**Moderators: Professor Elena Croitoru, Professor Mariana Neagu, Professor Doinița Milea**

14:00-14:25	<u>Elena Steiciuc</u>	Space and Memory in Patrick Modiano's Fiction
14:25-14:50	<u>Agnieszka Swasch</u>	The First Shakespeare Translations in Continental Europe
14:50-15:15	<u>Hanna Mijas</u>	Multimodality in Film Translation

15:15 - 15:30 Coffee break**15:30 - 17:30 Oral presentations in concurrent sections****SECTION 1 (Room D12)****ADVANCED RESEARCH IN MECHANICAL ENGINEERING, INDUSTRIAL ENGINEERING, ELECTRICAL ENGINEERING AND SYSTEMS ENGINEERING****Chairs: Professor Octavian Bologna, Professor Elena Scutelnicu**

IL 1.1 (15 ³⁰ -15 ⁵⁰)	<u>Mircea Sorin Tîrnoveanu</u> , Octavian Bologna	<i>Study Regarding the Main Approaches for Improving the Accuracy of CNC Laser Cutting Machines</i>
OP. 1.1 (15 ⁵⁰ -16 ⁰⁰)	<u>Gabriel Anastasiu</u>	<i>Intelligent System for Primary Decoding Signals from Satellites with the Display Position Using Intel Galileo</i>
OP. 1.2 (16 ⁰⁰ -16 ¹⁰)	<u>Lucian Andries</u> , Vasile Gheorghita Gaitan	<i>Dual Priority Scheduling Algorithm Used in the Nmpra Microcontrollers – Dynamic Scheduler</i>
OP. 1.3 (16 ¹⁰ -16 ²⁰)	<u>Cristina - Iuliana Balan</u>	<i>Surface Roughness Modeling Techniques- Review</i>
OP. 1.4 (16 ²⁰ -16 ³⁰)	<u>Magdalena Silvia Bastiurea</u> , Marian Bastiurea, Dumitru Dima, Monica Murarescu, Andrei Gabriel	<i>Influence of Micro / Nanocellulose Content on Thermal Properties of Polyester Composites</i>
OP. 1.5 (16 ³⁰ -16 ⁴⁰)	<u>Marian Bastiurea</u> , Magdalena Silvia Bastiurea, Dumitru Dima, Monica Murarescu, Gabriel Andrei	<i>Determination of Glass Transition Temperature for Polyester/Graphene Oxide and Polyester/Graphite Composite by TMA and DSC</i>
OP. 1.6 (16 ⁴⁰ -16 ⁵⁰)	<u>Ana-Maria Bizu</u> , Ion Visa	<i>Comparative Study of Solar Energy Estimation Results through Various Methods</i>
OP. 1.7 (16 ⁵⁰ -17 ⁰⁰)	<u>Bianca Elena Chiosa</u> , Dan Scarpete, Vlad Vrabie	<i>Vegetable Oils as Alternative Fuel for Diesel Engines. A Study</i>



OP. 1.8 (17 ⁰⁰ -17 ¹⁰)	<u>Eduard Chirila</u> , Doina Boazu, Ionel Chirica	<i>MRE Specimens Loss Energy Determination</i>
OP. 1.9 (17 ¹⁰ -17 ²⁰)	<u>Bogdan Cristescu</u> , Laurenția Andrei	<i>Generating and Meshing Noncircular Gears</i>
OP. 1.10 (17 ²⁰ -17 ³⁰)	<u>George Adrian Ifrim</u> , Sergiu Caraman	<i>An Analysis Concerning the Effect of pH on the Biotechnological Production of Lactic Acid</i>

SECTION 2 (Room D01)

PROGRESS IN SCIENCE AND ENGINEERING OF FOOD BIORESOURCES

Chairs: PhD. eng. Ana-Maria Ciuciu, Eng. Cristian Tudose–PhD student

IL 2.1 (15 ³⁰ -15 ⁵⁰)	<u>Ana-Maria Ciuciu</u>	<i>Exploring β-lactoglobulin Binding Properties by Fluorescence Spectroscopy Methods</i>
OP. 2.1 (15 ⁵⁰ -16 ¹⁰)	<u>Elena-Alexandra Oniciuc</u> , Jaime Ariza-Miguel, Andrei-Sorin Bolocan, Marta Diez-Valcarce, Jordi Rovira, Marta Hernández; Isabel Fernández-Natal, Anca Ioana Nicolau, David Rodríguez- Lázaro	<i>Incidence of Staphylococcus aureus in Food Products Illegally Sold in a Romanian Market and Characterization of the Isolated Strains</i>
OP. 2.2 (16 ¹⁰ -16 ³⁰)	<u>Florentina Mihaela Ursache</u> , Nicoleta Stănciuc, Oana Viorela Nistor, Elisabeta Botez	<i>Preliminary Investigations on the Effect of pH on the Stability of β-carotene from Hippophae rhamnoides</i>
OP. 2.3 (16 ³⁰ -16 ⁵⁰)	<u>Carmen Bolea</u> , Camelia Vizireanu	<i>The Impact of Thermal Treatment on Phenolic Content of Black Rice Anthocyanins</i>
OP. 2.4 (16 ⁵⁰ -17 ¹⁰)	<u>Paul Mihai Apostu</u> , Anca Ioana Nicolau	<i>Texture Profile of Meat Products Formulated with Yeast Cell Walls</i>
OP. 2.5 (17 ¹⁰ -17 ³⁰)	<u>Alexandru-Cristian Bandi</u> , Victor Cristea, Lucian Georgescu, Lorena Dediu, Paul Lupoae, Stefan Mihai Petrea, Sandita (Ion) Placinta	<i>The Efficiency of NFT Phytoremediation Method in a Recirculating Integrated System</i>

SECTION 3 & UGALnano5 (Room D03)

FUNCTIONAL MATERIALS & NANOTECHNOLOGIES

Chairs: Professor Anca Duță, Oana Carp PhD,

IL 3.1 (15 ³⁰ -16 ⁰⁰)	<u>Oana Carp</u>	<i>Metallic oxides with spherical morphology obtained by green approaches</i>
IL 3.2 (16 ⁰⁰ -16 ³⁰)	<u>Anca Duta</u>	<i>VIS-Active photocatalytic materials – a solution for water re-use</i>
IL 3.3	<u>Florin Constantin Comanescu</u> , A.	<i>Investigation of electron beam irradiation effect on</i>



(16 ³⁰ -16 ⁵⁰)	Dinescu, M. Purica	<i>graphene by Raman Spectroscopy</i>
OP. 3.1 (16 ⁵⁰ -17 ¹⁰)	<u>Adriana-Simona Catranguiu</u> , Anca Cojocaru, Florentina Golgovici, Liana Anicai, Adina Cotarta, Teodor Visan	<i>Studies of the electrochemical co-reduction of Te4+ with Cu+, Cu2+, Zn2+ or Sb3+ ions from Ethaline ionic liquid</i>
OP. 3.2 (17 ¹⁰ -17 ³⁰)	<u>Eliza Dănăilă</u> , Lidia Benea, Iulian Bounegru, Pierre Ponthiaux, Jean-Pierre Celis	<i>Importance of tribocorrosion in biomedical applications: Overview and some results</i>

SECTION 4. (Room D02)

ADVANCED INVESTIGATION METHODS IN ENVIRONMENT AND BIOHEALTH

Chair: Professor Antoaneta Ene

IL 4.1 (15 ³⁰ -15 ⁴⁵)	<u>Simona Moldovanu</u> , Luminita Moraru, Victorita Stefanescu, Georgescu E. Monica	<i>Hough Transform and Similarity Index for the Sagittal Axis Identification</i>
IL 4.2 (15 ⁴⁵ -16 ⁰⁰)	<u>Antoaneta Ene</u> , Marina Frontasyeva	<i>X-ray Based Methods used for Complex Matrices Investigation</i>
OP. 4.1 (16 ⁰⁰ -16 ¹⁵)	<u>Luminița Moraru</u> , Cristian-Dragoș Obreja, Georgescu E. Monica	<i>Assessment of Retinal Vascular System Measurement Methods over Retinal Images from DRIVE Database</i>
OP. 4.2 (16 ¹⁵ -16 ³⁰)	<u>Iulian Filimon</u> , Emilian Danila, Michaela Dobre , Adriana Danila, Mirela Praisler, Dima Dumitru	<i>Specific health status as an indicator of air quality</i>
OP. 4.3 (16 ³⁰ -16 ⁴⁵)	<u>Valentin Hahuie</u> , Emilian Danila, Lucian Georgescu, Adriana Danila	<i>Use of Satellite Observations for Assessment of Global Concentrations of Fine Particulate Matter</i>
OP. 4.4 (16 ⁴⁵ -17 ⁰⁰)	<u>Daniel-Eduard Constantin</u> , Mirela Voiculescu, Carmelia Dragomir, Adrian Rosu, Lucian Georgescu	<i>Thirty years of space-based observations of Total Ozone Column using Multi Sensor Reanalysis dataset</i>
OP. 4.5 (17 ⁰⁰ -17 ¹⁵)	<u>Nicoleta Paduraru</u> , Steluța Gosav, Mirela Praisler	<i>Study of Some Flavonoids Active against HT-29 Human Cancer Cells using Principal Component Analysis and Molecular Descriptors</i>
OP. 4.6 (17 ¹⁵ -17 ³⁰)	<u>Nicoleta Paduraru</u> , Steluța Gosav, Mirela Praisler	<i>Modeling of Anticancer Activity of Flavonoids based on Multiple Linear Regression</i>

SECTION 5. (Room B26)

ECONOMIC MODELS AND STRATEGIES OF COMPETITIVENESS

Chairs: Professor Daniela Sarpe, Professor Florin Buhociu

<i>Post-doctoral programs – procedures, experiences and best practices</i>		
IL 5.1 (14 ⁰⁰ -14 ²⁰)	<u>Liliana Moga</u>	<i>Increasing the Efficiency of Using the Financial and Economic Information in Agricultural Exploitations.</i>

The Case of South East Region

IL 5.2 (14 ²⁰ -14 ⁴⁰)	<u>Alexandru Căpățînă</u>	<i>Competitive, Collaborative and Cultural Intelligence – key enablers for competitiveness in the global business arena</i>
OP. 5.1 (14 ⁴⁰ -14 ⁵⁵)	<u>Mihaela Muntean</u>	<i>Using cloud technology in the service sector</i>
OP. 5.2 (14 ⁵⁵ -15 ¹⁰)	<u>Robert Rusu</u>	<i>Decision Making Strategies regarding Logistic Organization</i>
15 ¹⁰ -15 ³⁰	<i>Coffee break</i>	
OP. 5.3 (15 ³⁰ -15 ⁴⁵)	<u>Costel - Marian Dima</u>	<i>The World Economy at the Crossroads of Globalization and Regionalization</i>
OP. 5.4 (15 ⁴⁵ -16 ⁰⁰)	<u>Sorin Grigoras</u>	<i>Public Sector's Influence on Economic Growth and Convergence as a Proof of Development</i>
OP. 5.5 (16 ⁰⁰ -16 ¹⁵)	<u>Adriana Mocanu (Pustianu)</u>	<i>State Funding Research on European Funds in Agriculture</i>
OP. 5.6 (16 ¹⁵ -16 ³⁰)	<u>Raluca Marin</u>	<i>An Overview of Retail Reverse Logistics</i>
OP. 5.7 (16 ³⁰ -16 ⁴⁵)	<u>Tiberiu Stanciu</u>	<i>Legislative Framework of Broadcasting in Romania and in the European Union</i>

SECTION 6

CULTURAL SPACES: RETROSPECTIVE AND PROSPECTIVE VIEWS

6.1. ENGLISH LITERATURE AND TRANSLATION STUDIES (Room D11 and AS112)

IL 6.1 (15 ³⁰ -15 ⁴⁵)	<u>Michaela Praisler</u>	<i>Criticising the Critic</i>
WORKSHOPS – BRITISH LITERATURE		
W.6.1. (15 ⁴⁵ -16 ¹⁵)	<u>Moderator: Gabriela Colipcă-Ciobanu</u>	<i>Shakespeare, the Musical and Political Humour in "Kiss Me Kate", Revived</i>
W.6.2.	<u>Moderator: Ioana Ivan-Mohor</u>	<i>Irish cultural models in filmic representations</i>

Chairs: Professor Michaela Praisler and Professor Ioana Ivan-Mohor (Room D11)

OP. 6.1 (16 ¹⁵ -16 ³⁰)	<u>Andra-Elena Agafitei</u>	<i>Embracing the Absurd of a Meaningless Life: Edward Albee's "A Delicate Balance"</i>
OP. 6.2 (16 ³⁰ -16 ⁴⁵)	<u>Liliana Focșa (Colodeeva)</u>	<i>Modernist Fiction from Sin to Art</i>
OP. 6.3 (16 ⁴⁵ -17 ⁰⁰)	<u>Daniela-Irina Darie</u>	<i>The Tragedies of Yorùbá's Spiritual Space</i>
OP. 6.4 (17 ⁰⁰ -17 ¹⁵)	<u>Mihaela-Alina Ifrim</u>	<i>Building on the Woolfian Text: Intertextuality, Instrument or Philosophy?</i>
OP. 6.5	<u>Andreea Ionescu</u>	<i>An Imagological Reading of Kazuo Ishiguro's "When"</i>



6.2. ROMANIAN LITERATURE (Room D13)

Chairs: Professor Doinița Milea, Professor Alina Crihană

IL 6.2 (15 ³⁰ -15 ⁵⁰)	<u>Doinița Milea</u>	<i>Personalities at the Crossroads of the Ages: Panait Istrati</i>
IL 6.3 (15 ⁵⁰ -16 ¹⁰)	<u>Simona Antofi</u>	<i>Reconsiderations of the Romanian Exile Literature from the Perspective of Creative Hooliganism: Norman Manea</i>
OP. 6.23 (16 ¹⁰ -16 ³⁰)	<u>Iuliana Anghel (Blănaru)</u>	<i>The Fictionalization of the Auctorial Identity in Nicolae Breban's Don Juan</i>
OP. 6.24 (16 ³⁰ -16 ⁵⁰)	<u>Gabriela Ciobanu</u>	<i>The Geography of the Imaginary in Fănuș Neagu's Short Stories</i>
OP. 6.25 (16 ⁵⁰ -17 ¹⁰)	<u>Elena Iancu</u>	<i>Textual Resources of Victor Cilincă's Drama</i>
OP. 6.26 (17 ¹⁰ -17 ³⁰)	<u>Mihaela Rusu</u>	<i>Mircea Eliade's Ordeal by Labyrinth, or the Re-sacralisation of the Modern World</i>

OP. 6.27 (17 ⁰⁰ -17 ¹⁵)	<u>Liliana Doscalo (Grosu)</u>	<i>Meanings of the Star Imagery in Grigore Vieru's Works</i>
OP. 6.28 (17 ¹⁵ -17 ³⁰)	<u>Radu-Andrei Horghidan</u>	<i>OP.6.28 Romanian Playwrights Adopt Documentary Theatre</i>
OP. 6.29 (16 ³⁰ -16 ⁴⁵)	<u>Radu-Andrei Horghidan</u>	<i>Art and Recent History. Tanacu: The Innocent's Confession: Written, Filmed, Staged</i>
OP. 6.30 (16 ³⁰ -16 ⁴⁵)	<u>Elena Filote (Panait)</u>	<i>'Retro-modernism' in Ștefana Velisar Teodoreanu's Viața cea de toate zilele</i>

WORKSHOP- LITERATURE: ROMANIAN CULTURAL PARADIGMS IN EUROPEAN CONTEXT

WS 6.3. (16 ⁴⁵ -17 ³⁰)	Moderators: Alina Crihană, Nicoleta Ifrim	<i>Thematic directions: Interculturality as discourse of European integration The art of dialogue as a premise of integration Romanian writers in the present-day European context</i>
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SECTION 7. (Room AS004)

HISTORY. SOCIETY, ECONOMY, AND SPIRITUALITY IN THE ROMANIAN TERRITORY

Chairs: Constantin Ardeleanu, PhD, Associate Professor

OP7.1 (14 ⁰⁰ -14 ¹⁵)	<u>Oleg Danilceac</u>	<i>Historical Aspects on the Evolution of the Town of Cahul in the Second Half of the Nineteenth Century</i>
OP7.2 (14 ¹⁵ -14 ³⁰)	<u>Diana-Sorina Bodia</u>	<i>The Issue of Citizenship in the Three Counties of Southern Bessarabia – Ismail, Cahul and Bolgrad after 1856</i>



OP. 7.3 (14 ³⁰ -14 ⁴⁵)	<u>Vitalie Ponomariov</u>	<i>Some Considerations on the Communist Activity in Bessarabia in 1918–1921</i>
OP. 7.4 (14 ⁴⁵ -15 ⁰⁰)	<u>Polina Lungu Vicol</u>	<i>Historian Alexandru Boldur: Biographical Hallmarks</i>
15 ⁰⁰ -15 ³⁰	<i>Coffee break</i>	
OP. 7.5 (15 ³⁰ -15 ⁴⁵)	<u>Andreea Badea Tudor</u>	<i>The Epistolary Exchange between Prince Nicolae Mavrocordat's Chancellery and Humanist Jean le Clerc</i>
OP. 7.6 (15 ⁴⁵ -16 ⁰⁰)	<u>Aurelian Petrișor Lazăr</u>	<i>The Dowry in Moldavia – The Deed of Consent for the Future Family from the Sixteenth to the Eighteenth Centuries</i>
OP. 7.7 (16 ⁰⁰ -16 ¹⁵)	<u>Neculai I. Sava</u>	<i>The Economic Situation and the Organisation of the Ecclesiastic Settlements of Covurlui County from the Beginning of the Nineteenth Century Up to the Secularization of Monastery Estates</i>
OP. 7.8 (16 ¹⁵ -16 ³⁰)	<u>Marcel Capriș</u>	<i>Italian Hierarchs, Priests, Monks and Parishioners of the Roman-Catholic Church of Galati (up to the Instauration of the Communist Regime)</i>
OP. 7.9 (16 ³⁰ -16 ⁴⁵)	<u>Ovidiu Dumitru</u>	<i>Cadastral Maps in the History of European States. A Comparative Study of Boundaries in Wallachia and other European States from the Eighteenth to the Nineteenth Centuries</i>
OP. 7.10 (16 ⁴⁵ -17 ⁰⁰)	<u>Cristian Constantin</u>	<i>Grain Harvests in the Romanian Space under the Influence of Western Capitalism (1829-1883)</i>
OP. 7.11 (17 ⁰⁰ -17 ¹⁵)	<u>Ionel Constantin Mitea</u>	<i>Navigation Companies on the Romanian Section of the Danube from 1885 to 1941</i>

18:00 - 21:00 Festive dinner (boat trip on the Danube)

FRIDAY – 5th of June 2015

9:00 - 11:00 Oral presentations in concurrent sections

SECTION 1 (Room D12)

**ADVANCED RESEARCH IN MECHANICAL
ENGINEERING, INDUSTRIAL ENGINEERING,
ELECTRICAL ENGINEERING AND SYSTEMS
ENGINEERING**

Chairs: Professor Elena Mereuta, Professor Eugen Rusu

OP. 1.11 (9 ⁰⁰ -9 ¹⁰)	<u>Adrian Constantin Ilie</u> , Ion Visa	<i>Energy Production in a Sustainable Community Using the Local Renewable Energy Sources</i>
OP. 1.12 (9 ¹⁰ -9 ²⁰)	<u>Dumitru Lupascu</u> , Ionel Chirica, Elena-Felicia Beznea	<i>The Behaviour of the Jack-Up Rig Legs During Operation Conditions</i>
OP. 1.13 (9 ²⁰ -9 ³⁰)	<u>Nicoleta Matei</u> , Dan Scarpete	<i>Use of Ultrasound for Treatment Process of</i>



OP. 1.14 (9 ³⁰ -9 ⁴⁰)	<u>Florin Onea</u> , Eugen Rusu	<i>Wastewater Analysis of Some Numerical Simulations Related to a Hybrid Wave Energy Converter</i>
OP. 1.15 (9 ⁴⁰ -9 ⁵⁰)	<u>Catalin Poalelungi</u> , Elena Scutelnicu	<i>Overview on World Steel Usage in Shipbuilding Industry and International Classification Societies</i>
OP. 1.16 (9 ⁵⁰ -10 ⁰⁰)	<u>Adrian Presura</u> , Ionel Chirica, Elena-Felicia Beznea	<i>The Structural Design of a Twin-Hull Ship Strength Deck</i>
OP. 1.17 (10 ⁰⁰ -10 ¹⁰)	<u>Alina Beatrice Raileanu</u> , Eugen Rusu	<i>Evaluation of Various Data Assimilation Procedures to Increase the Reliability of the Wave Predictions in the Black Sea</i>
OP. 1.18 (10 ¹⁰ -10 ²⁰)	<u>Adrian-Neculai Romanescu</u> , Ovidiu-Magdin Tanta, Mihai Cenusu, Ilie Nitana, Mihaela Poienar	<i>Contributions Regarding Development of New Types of Solar Actuators</i>
OP. 1.19 (10 ²⁰ -10 ³⁰)	<u>Florentina Rotaru</u> , Ionel Chirica, Elena Felicia Beznea	<i>Strength Analysis of a Composite Joint Used in Ship Structure</i>
OP. 1.20 (10 ³⁰ -10 ⁴⁰)	<u>Atanasia Stoica</u> , Luminita Dumitriu	<i>Automatic Diagnostic of the Flood Impact Upon the Ferry, the Riverfront and the Harbor of the City Valley of Galati, Romania Using Information Technology</i>
OP. 1.21 (10 ⁴⁰ -10 ⁵⁰)	<u>Atanasia Stoica</u> , Luminita Dumitriu	<i>Concept Solutions and Interventions Regarding Flood Prevention for the Ferry, the Riverfront and the Harbour of the City Valley of Galati, Romania</i>
OP. 1.22 (10 ⁵⁰ -11 ⁰⁰)	<u>George Solomon</u> , Dumitru Lupascu, Ionel Chirica	<i>Local Strength Analysis of the Maritime Platform</i>
11⁰⁰-11¹⁵	<i>Coffee break</i>	
11⁰⁰-12⁰⁰	<i>Poster session</i>	
OP. 1.23 (12 ⁰⁰ -12 ¹⁰)	<u>Ovidiu-Magdin Tanta</u> , Mihaela Poienar, Ilie Nitana, Mihai Cenusu, Adrian-Neculai Romanescu	<i>Applications Based on Variable Frequency Rotating Magnetic Field. Electromechanical Agitator with Dual Direction</i>
OP. 1.24 (12 ¹⁰ -12 ²⁰)	<u>Ovidiu-Magdin Tanta</u> , Adrian- Neculai Romanescu, Mihai Cenusu, Ilie Nitana, Mihaela Poienar	<i>Solutions for Diagnosing Faults in Asynchronous Motor Stator Through a Ferrofluid Installation</i>
OP. 1.25 (12 ²⁰ -12 ³⁰)	<u>Vlad Vrabie</u> , Dan Scarpete, Bianca Elena Chiosa	<i>Water-in-Diesel Emulsions as Alternative Fuel for Diesel Engines. A Literature Review</i>
OP. 1.26 (12 ³⁰ -12 ⁴⁰)	<u>Ana-Maria Bucur</u> , Cornel Bucur, Petru Berce	<i>Aspects Regarding Titanium and Titanium Alloys used in Metal Forming Processes</i>
OP. 1.27 (12 ⁴⁰ -12 ⁵⁰)	<u>Radu Vasile</u> , Octavian Bologa	<i>Designing a Die for Hydroforming</i>

**SECTION 2 (Room D01)****PROGRESS IN SCIENCE AND ENGINEERING OF
FOOD BIORESOURCES**

Chairs: Assoc.prof. Iulia Grecu, Eng. Elena Bocioc

IL 2.2 (9 ⁰⁰ -9 ²⁰)	<u>Iulia R. Grecu</u> , Elena Bocioc, Alina Antache, Lorena Dediu, Angelica Docan, Victor Cristea	<i>Haematological Response of Carp (Cyprinus carpio L.) Juveniles after Dietary Probiotics Treatment</i>
OP. 2.6 (9 ²⁰ -9 ⁴⁰)	<u>Mihai Cornel Mocanu</u> , Tiberiu Vanghelie, Petronela Georgiana Sandu, Lucian Oprea	<i>The Influence of Food Quality on Growth Performance of Common Carp Fry (Cyprinus carpio, Linnaeus, 1758), in Fish Ponds Production System</i>
OP. 2.7 (9 ⁴⁰ -10 ⁰⁰)	<u>Mihai Fotea</u> , Victor Cristea	<i>Production Systems of Carp in Three Different Stocking Densities</i>
OP. 2.8 (10 ⁰⁰ -10 ²⁰)	<u>Cristian Sorin Danilov</u> , Andra Oros, Magda-Ioana Nenciu, George Tiganov, Victor Cristea	<i>Determination of Meat Chemical Composition of Rapana venosa (Valenciennes, 1846) Caught at the Romanian Black Sea Coast</i>
OP. 2.9 (10 ²⁰ -10 ⁴⁰)	<u>Mihai Cornel Mocanu</u> , Tiberiu Vanghelie, Petronela Georgiana Sandu, Lucian Oprea	<i>Effect of Stocking Density on Growth, Production and Feed Efficiency of Common Carp Fry and Fingerlins, in Earthen Ponds</i>
OP. 2.10 (10 ⁴⁰ -11 ⁰⁰)	<u>Alina Profir</u> , Ingrid Steiner, Camelia Vizireanu	<i>Betalains Stability in Vegetables Fermented Juice</i>
11 ⁰⁰ -11 ¹⁵	Coffee break	
11 ⁰⁰ -12 ⁰⁰	Poster session	
IL 2.3 (12 ⁰⁰ -12 ³⁰)	<u>Loredana Dumitrascu</u>	<i>Fluorescence Spectroscopy of Some Food Proteins: Insights and Approaches</i>
OP. 2.11 (12 ³⁰ -12 ⁵⁰)	<u>Mihaela Turturică</u> , Gabriela Râpeanu, Nicoleta Stănciuc, Iuliana Aprodu, Gabriela Bahrim	<i>Fluorescence Spectroscopy Investigation of Heat Induced Changes of Grape Anthocyanin Extracts</i>
OP. 2.12 (12 ⁵⁰ -13 ¹⁰)	<u>Cristiana Loredana Chiriță</u> , Nica Andreea, Aida Vasile, George Ifrim, Gabriela Bahrim, Sergiu Caraman	<i>The Utilization of Brewer's Spent Grain as Raw Material for the Biotechnological Production of Lactic Acid</i>
OP. 2.12 (13 ¹⁰ -13 ³⁰)	<u>Marian Neculau</u> , Camelia Vizireanu, Iuliana Aprodu	<i>A Biotechnological Study of Raw Materials Used for Obtaining Edible Biofilms</i>



SECTION 3 & UGALnano5 (Room D03)

FUNCTIONAL MATERIALS & NANOTECHNOLOGIES

Chairs: Professor Viorica Musat, Professor Lidia Benea

OP 3.3 (9 ⁰⁰ -9 ²⁰)	<u>Agripina N. Zaharia</u> , Corina Laura Ștefănescu, Viorica Ghisman, Mariana Ibănescu, Viorica Mușat	<i>Thermal stability and mechanical behavior of some hybrid biocompatible materials for prosthodonties</i>
OP. 3.4 (9 ²⁰ -9 ⁴⁰)	<u>Iulian Bounegru</u> , Lidia Benea, Eliza Dănăilă, Alexandru Chiriac	<i>Electrodeposition of chitosan thin films on nanoporous titanium surface for biomedical applications</i>
OP. 3.5 (9 ⁴⁰ -10 ⁰⁰)	<u>Răzvan Roșculeț</u> , Cătălin Fetecău, Felicia Stan, Radu Belea	<i>Contribution to measuring the electrical resistivity of polymer-based composites filled with carbon nanotubes</i>
OP. 3.6 (10 ⁰⁰ -10 ²⁰)	<u>Aurel Tăbăcaru</u> , Viorica Musat, Rodica M. Dinica, Constantin Gheorghies	<i>Assisted modification of zinc oxide nanoparticles with a diquaternari salt of Bis(pyridinium)</i>
OP. 3.7 (10 ²⁰ -10 ⁴⁰)	<u>Cristina Iordache</u> , Maria Vlad, Flaviu Gostin, Anett Gebert, Jurgen Eckert	<i>Corrosion behavior of new copper base materials for medical devices in contact with simulated physiological fluid</i>
OP. 3.8 (10 ⁴⁰ -11 ⁰⁰)	<u>Carmen Mara Robaschi</u> , Lidia Benea, Alina Ciubotariu	<i>Biofilm formation and its effect in corrosion induction</i>
11 ⁰⁰ -11 ¹⁵	<i>Coffee break</i>	
11 ⁰⁰ -12 ⁰⁰	<i>Poster session</i>	
OP. 3.9 (12 ⁰⁰ -12 ²⁰)	<u>Valentin Dumitrașcu</u> , Lidia Benea, Eliza Dănăilă	<i>Electrodeposition of nanocomposite coatings – advantages and challenges</i>
OP. 3.10 (12 ²⁰ -12 ⁴⁰)	<u>Viorica Pleșcan (Ghisman)</u> , Elena Emanuela Herbei, Silviu Epure, Laurențiu Frangu, Alexandru Petrică, Țîmpu Daniel, Viorica Musat	<i>Hybrid nanomaterials as dielectric gate for thin films transistors</i>

SECTION 5. (Room B26)

ECONOMIC MODELS AND STRATEGIES OF COMPETITIVENESS

Chairs: Associate prof. Edith Lukacs, Professor Adrian Micu

OP. 5.8 (9 ⁰⁰ -9 ¹⁵)	<u>Alexandra Narcisa Cioban</u> (Lucan), Elena Hlaciuc	<i>Factors influencing the effectiveness of internal audit in the Romania public sector</i>
OP. 5.9 (9 ¹⁵ -9 ³⁰)	<u>Luminița-Claudia Corbu</u> , Ionela-Daniela Găitan	<i>The impact of labor migration on the competitiveness of the Romanian economy</i>
OP. 5.10 (9 ³⁰ -9 ⁴⁵)	<u>Silviu Stanciu</u> , Roxana Sarbu	<i>Resilience in the Romanian Food Industry. Preliminary Research</i>



OP. 5.11 (9 ⁴⁵ -10 ⁰⁰)	<u>Dorinela Cusu, Daniela-Ancuța</u> Șarpe	<i>Evaluation of Organizational Performance Through Non-Financial Indicators</i>
10 ⁰⁰ -10 ³⁰	Concluding discussion	

SECTION 6

CULTURAL SPACES: RETROSPECTIVE AND PROSPECTIVE VIEWS

6.1. ENGLISH LITERATURE

Chairs: Professor Ruxandra Bontilă and Associate prof. Steluta Stan (Room AS 112)

OP. 6.6 (9 ⁰⁰ -9 ¹⁵)	<u>Tulia Maria Cășvean</u>	<i>Beyond the Ludo-Centrism versus Narrato-Centrism Debate: Retrospective and Perspective of Video Game studies</i>
OP. 6.7 (9 ¹⁵ -9 ³⁰)	<u>Daniela Macovei</u>	<i>Truth as Its Counterpoint</i>
OP. 6.8 (9 ³⁰ -9 ⁴⁵)	<u>Alina Pintilii</u>	<i>Victorian Novel Discourses: Julia Kavanagh's "Rachel Gray"</i>
OP. 6.9 (9 ⁴⁵ -10 ⁰⁰)	<u>Oana-Celia Gheorghiu, Michaela Praisler</u>	<i>Western Political Philosophy in J. M. Coetzee's "Diary of a Bad Year"</i>
OP. 6.10 (10 ⁰⁰ -10 ¹⁵)	<u>Irina Bârliba (Rață)</u>	<i>The Role of Intertextuality in Neil Gaiman's "American Gods"</i>
OP. 6.11 (10 ¹⁵ -10 ³⁰)	<u>Ofelia Tofan (Al-Gareeb)</u>	<i>New Realities of the Contemporary Novel</i>
OP. 6.12 (10 ³⁰ -10 ⁴⁵)	<u>Vasile Hodorogea</u>	<i>Technological colonization. Communication in the new integral reality</i>
10 ⁴⁵ -11 ¹⁵	Coffee break	

6.1 TRANSLATION STUDIES

Chairs: Professor Elena Croitoru and Professor Mariana Neagu (Room D11)

OP. 6.13 (9 ⁰⁰ -9 ¹⁵)	<u>Alina Bogdan (Petre)</u>	<i>"Theories" of Verbal Humour. A Case Study on Stand-up Comedy</i>
OP. 6.14 (9 ¹⁵ -9 ³⁰)	<u>Cristina Chifane</u>	<i>The Translation of Diana Wynne Jones' "Howl's Moving Castle" (1986) or How to Deal with the Elements of a New Mythology</i>
OP. 6.15 (9 ³⁰ -9 ⁴⁵)	<u>Cristina-Camelia Ignatovici</u>	<i>The Conservative 'Daily Bread' and the Contemporary 'Three Square Meals'</i>
OP. 6.16 (9 ⁴⁵ -10 ⁰⁰)	<u>Ana-Maria Păcleanu</u>	<i>The Taboo in D. H. Lawrence's and W.S. Maugham's Novels: Translation Intricacies</i>
OP. 6.17 (10 ⁰⁰ -10 ¹⁵)	<u>Alexandru Praisler</u>	<i>Accessing Local Literatures via Public Institutions Websites</i>



Chairs: Associate prof. Petru Iamandi and Professor Floriana Popescu

OP. 6.18 (10 ¹⁵ -10 ³⁰)	<u>Marianna Fuciji</u>	<i>On the Translation of Movie Titles from English into Romanian</i>
OP. 6.19 (10 ³⁰ -10 ⁴⁵)	<u>Irina Pușnei</u>	<i>The Question of Equivalence in Humour Superiority and Incongruity Translation. The Case of "Three Men in a Boat" and "Three Men on the Bummel"</i>
10 ⁴⁵ -11 ¹⁵	<i>Coffee break</i>	
OP. 6.20 (11 ¹⁵ -11 ³⁰)	<u>Liliana Ricinschi</u>	<i>Methods and Procedures in the Translation of Certain Specialised Texts: the Civil Engineering Discourse</i>
OP. 6.21 (11 ³⁰ -11 ⁴⁵)	<u>Anca Trișcă (Ionescu)</u>	<i>'Romglish' in the Naval Architecture Journals</i>
OP. 6.22 (11 ⁴⁵ -12 ⁰⁰)	<u>Raluca-Maria Topală</u>	<i>Lexical and Terminological Analysis of Diplomatic Language. A Comparison of British and American Corpora</i>

6.2. ROMANIAN LITERATURE (Room D13)

Chairs: Professor Simona Antofi, Professor Nicoleta Ifrim

OP. 6.27 (9 ⁰⁰ -9 ²⁰)	<u>Liliana Doscalo (Grosu)</u>	<i>Meanings of the Star Imagery in Grigore Vieru's Works</i>
OP. 6.28 (9 ²⁰ -9 ⁴⁰)	<u>Radu-Andrei Horghidan</u>	<i>OP.6.28 Romanian Playwrights Adopt Documentary Theatre</i>
OP. 6.29 (9 ⁴⁰ -10 ⁰⁰)	<u>Radu-Andrei Horghidan</u>	<i>Art and Recent History. Tanacu: The Innocent's Confession: Written, Filmed, Staged</i>
OP. 6.30 (10 ⁰⁰ -10 ²⁰)	<u>Elena Filote (Panait)</u>	<i>'Retro-modernism' in Ștefana Velisar Teodoreanu's Viața cea de toate zilele</i>

WORKSHOP- LITERATURE: ROMANIAN CULTURAL PARADIGMS IN EUROPEAN CONTEXT

WS 6.3. (10 ²⁰ -11 ⁰⁰)	Moderators: Alina Crihană, Nicoleta Ifrim	<i>Thematic directions: Interculturality as discourse of European integration The art of dialogue as a premise of integration Romanian writers in the present-day European context</i>
11 ⁰⁰ -11 ¹⁵	<i>Coffee break</i>	
OP. 6.31 (11 ¹⁵ -11 ³⁵)	<u>Lucia-Luminița Ciucă</u>	<i>Martha Bibescu – Jurnal berlinez'38: From within History towards the Self</i>
OP. 6.32 (11 ³⁵ -11 ⁵⁵)	<u>Violeta Teodora Iorgă (Lungeanu)</u>	<i>The Identity Quest: from the Babel of the Worlds to the Coffers of the Body – Ruxandra Cesereanu, Tricephalos</i>
OP. 6.33 (11 ⁵⁵ -12 ¹⁵)	<u>Anicuța Novac</u>	<i>The Dialogue of Cultural Identities: Norman Manea, Curierul de Est. Dialog cu Edward Kanterian</i>
OP. 6.34 (12 ¹⁵ -12 ³⁵)	<u>Steluța Bătrânu</u>	<i>Perspectives on Imagery. The Complementary Text-Image Relationship</i>
OP. 6.35 (12 ³⁵ -12 ⁵⁵)	<u>Nicoleta Hristu (Hurmuzache)</u>	<i>The Imagistic Game in Max Blecher's Novels</i>
OP. 6.36 (12 ⁵⁵ -13 ¹⁵)	<u>Sabina-Viviana Pîrlog (Brătuc)</u>	<i>Manoil, the Homonymous Character of D. Bolintineanu's Novel - between the Convention of Literariness and the Moralizing Theme</i>

**SECTION 7. (Room AS 004)****HISTORY. SOCIETY, ECONOMY, AND
SPIRITUALITY IN THE ROMANIAN TERRITORY****Chair: Silviu Lupascu Associate Professor**

OP. 7.12 (9 ⁰⁰ -9 ¹⁵)	<u>Maria Stoica Vrabie</u>	<i>The Evolution of the Boundary of Brăila Kaza (1538–1828)</i>
OP. 7.13 (9 ¹⁵ -9 ³⁰)	<u>Claudiu Sachelarie</u>	<i>The Administrative Organization of Braila County (23 December 1916 to 24 October 1918)</i>
OP. 7.14 (9 ³⁰ -9 ⁴⁵)	<u>Cristina Mihai</u>	<i>The Role of Galați Steel Plant in the Development of Galati City</i>
OP. 7.15 (9 ⁴⁵ -10 ⁰⁰)	<u>Mariana-Delia Pohrib</u>	<i>The Jewish Community of Galati during the Inter-War Period</i>
OP. 7.16 (10 ⁰⁰ -10 ¹⁵)	<u>Corina Buțea</u>	<i>On Communist Elites and Nomenklatura. General Aspects</i>
OP. 7.17 (10 ¹⁵ -10 ³⁰)	<u>Cristina Georgiana Ivan</u>	<i>Romania's Public Diplomacy in Post-1990's International Context</i>
OP. 7.18 (10 ³⁰ -10 ⁴⁵)	<u>Nicoleta Ungureanu</u>	<i>Social Values of the Romanians. A Transversal, Inter-cultural, and Longitudinal Approach</i>



POSTER SESSION

THURSDAY – 4th of June 2015,
11:00 - 12:00 Building D, central hall, 1st floor

SECTION 1

ADVANCED RESEARCH IN MECHANICAL ENGINEERING, INDUSTRIAL ENGINEERING, ELECTRICAL ENGINEERING AND SYSTEMS ENGINEERING

PP.1.1	<u>Laurentiu Marius Baicu</u> , Sergiu Caraman	<i>Estimating the Viability of Algae Cells Through Image Processing</i>
PP.1.2	<u>Alina-Mihaela Cantaragiu</u> , Catalin Fetecau	<i>Characterization of Mechanical Properties of Polymeric Composites by Microindentation</i>
PP.1.3	<u>Georgel Chirita</u> , Valentin Mereuta	<i>Thermal Behaviour Simulation of Gear Transmission</i>
PP.1.4	<u>Georgel Chirita</u> , Gabriel Andrei, Dumitru Dima, Iulian Gabriel Birsan, Adrian Cotet	<i>Electrical Properties Characterization of Vinyl-Ester Nanocomposite</i>
PP.1.5	<u>Stela Constantinescu</u>	<i>Influence of Heat Treatment Technology on the Structure and Properties of Thin Sheet Steel ASTM514 Degree F</i>
PP.1.6	<u>Ana Cristescu</u> , Laurenția Andrei	<i>Studies on Multispeed Gears Performances</i>
PP.1.7	<u>Daniel Ganea</u> , Elena Mereuta, Claudiu Mereuta	<i>Human Locomotor System as a MBS Model</i>
PP.1.8	<u>Claudiu Mereuta</u> , Daniel Ganea, Elena Mereuta	<i>Building and Operating the Electronic Devices from Biomechanics Lab</i>
PP.1.9	<u>Mihaela Miron</u> , Sergiu Caraman	<i>Fault Detection Using Neural Networks</i>
PP.1.10	<u>Maxim Arsenie</u> , Lucian Georgescu, Catalina Topa, Gabriel Murariu	<i>A Note About the Atmospheric Parameters' Influence on the Sensibility of the Topographic Instruments</i>
PP.1.11	<u>Madalina Rus</u> , Elena Mereuta, Silvia Veresiu, Daniel Ganea	<i>The Monitorisation of the Motion of Differential Gears</i>
PP.1.12	<u>Virgil Teodor</u> , Silviu Berbinschi, Nicusor Baroiu, Camelia Lacramioara Popa, Nicolae Oancea	<i>The Gear Shaped Tools Profiling Using the Method of "In Plane Generating Trajectories" – Graphical Application in CATIA</i>
PP.1.13	<u>Silvia Veresiu</u> , Elena Mereuta, Madalina Rus, Daniel Ganea	<i>Motion Monitoring of Mechanical Structures With Constrained Kinematic</i>
PP.1.14	<u>Rodica Voicu</u> , Angela Baracu, Raluca Gavrila, Cosmin Obreja, Mihai Danila, Bogdan Bitu, Raluca Müller	<i>Material Layers Investigations for MEMS Vibration Sensors and Biostructures Applications</i>

**SECTION 2****PROGRESS IN SCIENCE AND ENGINEERING OF
FOOD BIORESOURCES**

PP.2.1	<u>Alina-Madalina Alexe</u> , Rodica Mihaela Dinica, Camelia Vizireanu	<i>The Behavior of Walnut Leaves Extract in Simulated Gastrointestinal Conditions</i>
PP.2.2	<u>Roxana-Mihaela Apetrei</u> , Geta Cârâc, Gabriela Bahrim	<i>An Approach for in situ obtaining of Polypyrrole using Streptomyces spp. Cultures</i>
PP.2.3	<u>Elena Bocioc</u> , Victor Cristea, Sândița Placinta, Mirela Cretu, Marian Tiberiu Coadă	<i>The Effect of Prebiotics on Growth Performance of Hybrid Sturgeon Juveniles</i>
PP.2.4	<u>Cristian-Teodor Buruiana</u> , Belén Gómez, Gil Garrote, Camelia Vizireanu	<i>Comparison between Single and Two-Stage Hydrothermal Pretreatment for Xylooligosaccharides Production from Corn Stover</i>
PP.2.5	<u>Anatoli Cartășev</u>	<i>Antimicrobial Activity of Certain Streptococcus thermophilus Strains Isolated from Spontaneous Fermentation Dairy Products</i>
PP.2.6	<u>Mihaela Cirimbei</u> , Dinica Rodica Mihaela, Camelia Vizireanu	<i>In Vitro Simulation of Horseradish (Armoracia rusticana) Extracts</i>
PP.2.7	<u>Dragoș Diaconu</u> , Victor Cristea, Sorin-Strătilă Dorin, Dediu Lorena	<i>Current Approaches to Meat Quality Evaluation Methods from Aquaculture Fish</i>
PP.2.8	<u>Oana-Georgiana (Varlan) Dorojan</u> , Victor Cristea, Mirela Crețu, and Sândița Plăcintă	<i>The Effect of Sea Buckthorn and Spirulina platensis on Growth Performance of Sturgeon Juveniles</i>
PP.2.9	<u>Monica (Boev) Găureanu</u> , Nicoleta Maftei-Aron, Gabriela Bahrim	<i>The Cultivation and Preservation of Lactic Bacteria in Aloe Vera Enriched Medium for Topic Use in Pharmaceuticals Formulation</i>
PP.2.10	<u>Elena Ioniță</u> , Nicoleta Stănciuc, Gabriela Râpeanu, Iuliana Aprodu, Gabriela Bahrim	<i>Thermal Inactivation of Polyphenol Oxidase Extracted from Plums (Prunus Domestica) – A Kinetic Study</i>
PP.2.11	<u>Tiberiu Vanghelie</u> , Mihai Cornel Mocanu, Petronela Georgiana Sandu, Lucian Oprea	<i>Preliminary Results Regarding the Influence of Stocking Density on Growth Performance of Common Carp, at Two Summer of Age, in Fishponds</i>
PP.2.12	<u>Mihai Cornel Mocanu</u> , Tiberiu Vanghelie, Petronela Georgiana Sandu, Lucian Oprea	<i>Growth Performance of Common Carp, Cyprinus carpio (L), at One Summer of Age, under Fed and Non Fed Ponds</i>
PP.2.13	<u>George Tiganov</u> , Lucian Oprea, Valodia Maximov, Cristian Sorin Danilov	<i>Fishery Dynamics of Danube Shad (Alosa immaculata, Bennett, 1835) from the Romanian Black Sea Coast</i>
PP.2.14	<u>George Tiganov</u> , Lucian Oprea, Madalina Galatchi, Valodia Maximov	<i>Studies Regarding the Ecobiological Parameters of Azov Shad (Alosa tanaica, Grimm, 1901) from Romanian Black Sea Coast</i>
PP.2.15	<u>Roxana Elena Ungureanu (Cărbune)</u> , Alina Mihaela Temea	<i>The Influence of Soy Flour Addition on Wheat Flour Dough Rheology</i>



	(Moroi), Nicoleta Pircu (Vartolomei), Andrei Ionuț Simion, Cristina-Gabriela Grigoraș, Petru Alexe	
PP.2.16	<u>Mihaela Valsame</u> , Petru Alexe, Maricica Stoica	<i>New Approaches on Fish Nutrition. An Overview</i>
PP.2.17	<u>Gherghina Zincă</u> , Camelia Vizireanu	<i>Crop Plants and Herbs in the Treatment for Women's Disorders: Analytical Methods for the Bioactive Compounds – A Review</i>

SECTION 3 & UGALnano5

FUNCTIONAL MATERIALS & NANOTECHNOLOGIES

PP. 3.1	<u>J. Erhart</u> , T. Sebastian	<i>Effective electrochemical coupling for the partially electrode ceramic resonators</i>
PP. 3.2	<u>Daniela Salgueiro</u> , Rita Branquinho, Lidia Santos, Luis Pereira, Petro Barquinha, Rodrigo Martins, Elvira Fortunato	<i>Thin film transistors based on amorphous Ga-Zn-Sn-O semiconductor by combustion processing</i>
PP. 3.3	<u>D. Gaspar</u> , L. Pereira, E. Fortunato, R. Martins	<i>Tuning of on-voltage on planar dual gate oxide-based transistors on paper</i>
PP. 3.4	<u>Rita Branquinho</u> , Daniela Salgueiro, Lidia Santos, Petro Barquinha, Rodrigo Martins, Elvira Fortunato	<i>Aqueous combustion synthesis of Al₂O₃ for application as gate dielectric in solution-processed TFT</i>
PP. 3.5	<u>L. Santos</u> , P. Barquinha, R. Branquinho, D. Salgueiro, L. Pereira, R. Martins, E. Fortunato	<i>Hydrothermal synthesis of GIZO nanoparticles for solution-processed electrolyte-gate transistors</i>
PP. 3.6	<u>L. Santos</u> , L. Pereira, R. Martins, E. Fortunato	<i>Synthesis and characterization of various metal oxide nanoparticles</i>
PP. 3.7	<u>Andreea Chelaru</u> , Maria Vișa	<i>Zeolite materials obtained from fly ash used for removal of heavy metals and methylene blue from wastewaters</i>
PP. 3.8	<u>Maria-Iuliana Mărcuș (Holohan)</u> , Maria Vlad, Ileana Mițiu, Mihaela Andreea Mițiu	<i>Selective recovery by solubilization of metals ions of chromium, iron and zinc from electroplating sludge to develop pigments for ceramics industry</i>
PP. 3.9	<u>Titus Sandu</u>	<i>Extraordinary light transmission through metallic nanohole arrays from an electrostatic perspective</i>
PP. 3.10	<u>Tamara Radu</u> , Maria Vlad, Florentina Potecasu, Gina Genoveva Istrate	<i>Preparation and characterization of electroless Ni-P-Al₂O₃ nanocomposite coatings</i>
PP. 3.11	<u>Stela Constantinescu</u>	<i>The protective behavior of titanium nitride coatings</i>
PP. 3.12	<u>Simona Condurache-Bota</u> , Cătălin Constantinescu, Mirela Praisler, Nicolae Tigau	<i>The influence of the substrate temperature on the structure and on the optical energy bandgap of bismuth oxide thin films prepared by pulsed laser</i>



PP. 3.13	<u>Simona Condurache-Bota</u> , Vasile Tiron, Mirela Praisler	<i>deposition Highly transparent bismuth oxide thin films deposition: morphology – optical properties correlation studies</i>
PP. 3.14	<u>Simona Patriche</u> , Daniela Ecaterina Rusu, Adriana Ispas, Andreas Bund, Geta Cârâc	<i>Corrosion resistance and microhardness of electrodeposited nickel from Watts baths</i>
PP. 3.15	<u>Răzvan Roșculeț</u> , Cătălin Fetecău, Felicia Stan	<i>State of the art of severe plastic deformation of polymeric materials</i>
PP. 3.16	<u>Lucica Balint</u> , Anisoara Ciocan, Steluta Constantinescu	<i>Hardness and wear properties of Ni-P-nano Al₂O₃ composite coatings prepared by electroless plating</i>
PP. 3.17	<u>Ilenuta Spataru (Severin)</u> , Maria Vlad	<i>The effect of dissolution on Al and Si in alkaline environment for geopolymer synthesis</i>
PP. 3.18	<u>Carmela Gurău</u> , Gheorghe Gurău, V. Sampath	<i>Influence of severe plastic deformation on microstructure and properties of a CuAlNi shape memory alloy</i>
PP. 3.19	<u>Gheorghe Gurău</u> , Carmela Gurău, V. Sampath, Liviu Gurău	<i>TEM investigation of a nanostructured FeMnSi shape memory alloy produced via sever plastic deformation</i>
PP. 3.20	<u>Anca-Ionela Istrate</u> , Monica Veca, Florin Năstase, Florin Comănescu, Raluca Gavrilă, Adrian Dinescu	<i>Study on grapheme transfer by wet chemical method</i>
PP. 3.21	<u>Costel Durduc-Roibu</u> , Liviu Gurău	<i>Industrial research in thicker heavy plates (70-80 mm) HSLA steel micro alloyed with Mo-Nb-Ti thermo-mechanical control process in ArcelorMittal Galați</i>
PP. 3.22	<u>Simona Patriche</u> , Daniela Ecaterina Rusu, Geta Cârâc	<i>Corrosion tests of the composite coatings of zinc with different dispersed phases</i>
PP. 3.23	<u>C. Mihoreanu</u> , A. Eneșca, A. Duță	<i>Multilayered thin films with controlled optical properties for flat plate solar thermal collectors</i>
PP. 3.24	<u>Elisabeta Vasilescu</u> , Vlad Gabriel Vasilescu	<i>Studies on the Relationship between the Material Biocompatibility, Surface Bioactivity and Osseointegration of the Dental Implant Made of Titanium and Titanium Based Alloys</i>
PP.3.25	Vlad Gabriel Vasilescu, <u>Elisabeta Vasilescu</u>	<i>Decisional Factors in the Process of Osseointegration of the Dental Implants Made of Titanium Based Alloys</i>

SECTION 4.

ADVANCED INVESTIGATION METHODS IN ENVIRONMENT AND BIOHEALTH

PP.4.1	<u>Adrian Burada</u> , Maria Cătălina Țopa, Liliana Teodorof, Marian Tudor, Cătălina Iticescu, Lucian P. Georgescu	<i>Variations of some inorganic micropollutants concentrations between years 2000 - 2010 in predeltaic complex Somona-Parcheș</i>
PP.4.2	<u>Maria Cătălina Țopa</u> , Adrian Burada, Liliana Teodorof, Marian Tudor, Cătălina Iticescu, Lucian	<i>Bottom sediment quality analysis of maritime Danube sector Braila-Sulina</i>



PP.4.3	P. Georgescu <u>Maxim Arseni</u> , Lucian Puiu Georgescu, Adrian Cîrciumaru	<i>The Influence of Atmospheric Temperature Value on the Accuracy of Distance Measurement with Surveying Total Station</i>
PP.4.4	<u>Maxim Arseni</u> , Lucian Puiu Georgescu, Adrian Cîrciumaru	<i>Analysis of the Atmospheric Relative Humidity on Accuracy of Distance Measurement with Surveying Total Station</i>
PP.4.5	<u>Adrian Roșu</u> , Daniel Eduard Constantin, Mirela Voiculescu, Lucian Puiu Georgescu	<i>Air pollution level in Europe caused by energy consumption and transportation</i>
PP.4.6	<u>Adrian Roșu</u> , Daniel Eduard Constantin, Mirela Voiculescu and Lucian Puiu Georgescu	<i>Assessment of Emissions from Vehicles Based on IOA Analysis</i>
PP.4.7	<u>Hahue Valentin</u> , Emilian Dănilă, Adriana Dănilă, Lucian Georgescu	<i>Using Multifractal Geometry to Change the Structure of Forest in Galați Area</i>
PP.4.8	<u>Hahue Valentin</u> , Emilian Dănilă, Adriana Dănilă, Lucian Georgescu	<i>Ecological Restoration of Degraded Lands in Galați County in the past 20 Years</i>
PP.4.9	<u>Alina-Florina Nicolae</u> , Puiu Lucian Georgescu, Marius Olteanu, Madalina-Georgiana Boboc, György Deák	<i>Comparative Analysis Regarding the Influence of Hydraulic Structures on the Lower Danube Riverbed, through Numerical Simulation</i>
PP.4.10	<u>Alina-Florina Nicolae</u> , Puiu Lucian Georgescu, Marius Raischi, Florina-Diana Dumitru, György Deák	<i>Sediment Transport Analysis on the Bala Branch through Numerical Modelling</i>
PP.4.11	<u>Ioana-Alina Ciobotaru</u> , Dănuț- Ionel Văireanu	<i>A Novel Descriptor to Evaluate the Potential Interactions between Food Additives and Coating Materials using Electrochemical Impedance Spectroscopy</i>
PP.4.12	<u>Iulian Filimon</u> , Mirela Praisler, Dumitru Dima, Emilian Danila, Dobre Michaela	<i>Comparative study on seasonal variation and annual average concentration recorded for Galați, Constanța and Brașov city (Romania) according to different geo-climatic factors</i>
PP.4.13	<u>Iulian Filimon</u> , Mirela Praisler, Dumitru Dima, Emilian Danila, Dobre Michaela	<i>Seasonal and annual variation of the concentration of the main air pollutants for the cities of Galați, Iași and Bacău (Romania) between 2008 and 2012</i>
PP.4.14	<u>George Tiganov</u> , Mădălina Galațchi, Eugen Anton, Lucian Oprea, Dragomir Coprean	<i>The Outline of Marine Litter Collected During Demersal Fishing Surveys in the Period 2011 - 2014 along the Romanian Black Sea Coast</i>
PP.4.15	<u>Marius Constantin Raischi</u> , Lucian Oprea, Madalina Boboc, Alin Badilita, Gyorgy Deak	<i>Comparative Study about the usage of new Sturgeon Monitoring Systems in the Lower Danube</i>
PP.4.16	<u>Carmelia Mariana Dragomir</u> , Mirela Voiculescu, Daniel Eduard Constantin, Lucian Puiu Georgescu	<i>Assessing the Heat Fluxes Data Set Measured Using Eddy Covariance Technique</i>
PP.4.17	<u>Cristian Obreja</u> , Simona Moldovanu, Victorita Ștefănescu, Luminita Moraru	<i>Entropic characterization of random cerebral bio structures in MR images</i>



PP.4.18	<u>Ana Bianca Pavel</u> , Ioan-Cornel Pop, Ion Stănescu, Neculai Patriche	<i>New data concerning Gomphus flavipes species (Odonata) and Palingenia longicauda (Ephemeroptera) from the Danube River</i>
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SECTION 5.

ECONOMIC MODELS AND STRATEGIES OF COMPETITIVENESS

PP.5.1	<u>Mioara Chiriță</u> , Daniela - Ancuța Șarpe	<i>Impact assessment of renewable energy on economy</i>
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AWARDING CEREMONY. CLOSING CEREMONY (Friday the 5th of June, 13:30, Room D12)

Moderator: Professor Viorica Mușat
