



UNIVERSITY OF AGRONOMIC  
SCIENCES AND VETERINARY  
MEDICINE OF BUCHAREST



*International Conference*  
*"Agriculture for Life, Life for Agriculture"*

CONFERENCE PROGRAMME

June 4-6, 2026  
Bucharest, Romania



UNIVERSITY OF AGRONOMIC SCIENCES  
AND VETERINARY MEDICINE OF BUCHAREST

*International Conference*  
*“Agriculture for Life, Life for Agriculture”*

# CONFERENCE PROGRAMME

JUNE 4 – 6, 2026

BUCHAREST

*The International Conference  
"Agriculture for Life, Life for Agriculture"*

*June 4 – 6, 2026*

**Organized by:**



UNIVERSITY OF AGRONOMIC SCIENCES  
AND VETERINARY MEDICINE OF BUCHAREST, ROMANIA

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- Ihsan SOYSAL – University of Trakia, Faculty of Agriculture, Zootechnics Department, Tekirdag, Türkiye
- Alvaro STANDARDI – University of Perugia, Italy
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*Scan it to reach the section's Book of Abstracts*



# CONFERENCE PROGRAMME

## Day 1 – Thursday, June 4

EEST TIME (UTC +3)	Activity	Venue
08:00 – 09:00	<b>REGISTRATION OF PARTICIPANTS</b> Venue: <i>University of Agronomic Sciences and Veterinary Medicine of Bucharest (USAMV of Bucharest)</i>	Building A, Ground floor, Main Hall
09:00 – 09:45	<b>OPENING &amp; WELCOME</b>	Building A - Aula Magna "Petre S. Aurelian"
<b>Welcome</b>	<b>Prof. Sorin Mihai CÎMPEANU</b> , Rector, <i>University of Agronomic Sciences and Veterinary Medicine of Bucharest</i>  <b>Prof. Gina FÎNTÎNERU</b> , Vice-Rector for Scientific Research, Innovation and Technology Transfer, <i>USAMV of Bucharest</i>  <b>Honorary guests of the University of Agronomic Sciences and Veterinary Medicine of Bucharest</b>	
09:45 – 10:00	<i>Photo session</i>	
10:00 – 10:45	<b>PLENARY SESSION I:</b> <b>"Leveraging Earth Observation and Digital Technologies for Climate-Smart Governance of Agri-Food Systems"</b>	Building A - Aula Magna "Petre S. Aurelian"
<b>Moderators</b>	<b>Assoc. Prof. Iulia Florentina DANA NEGULA</b> , Faculty of Land Reclamation and Environmental Engineering, University of Agronomic Sciences and Veterinary Medicine of Bucharest  <b>Prof. Alina ORȚAN</b> , Vice-Dean, Faculty of Land Reclamation and Environmental Engineering, University of Agronomic Sciences and Veterinary Medicine of Bucharest	
<b>Speaker</b>	<b>Prof. Deodato TAPETE</b> , Italian Space Agency, <i>"From research to applications: advances in satellite radar and hyperspectral optical remote sensing for agriculture"</i>	
	<b>Q &amp; A Session</b>	
10:45 – 11:15	<i>Coffee break</i>	Building A / Open air - front lawn

<b>11:15 – 13:00</b>	<b>PLENARY SESSION II:</b> <b>“Advancing One Health and Bio-Innovation for Resilient, Sustainable and Inclusive Food Systems”</b>	Building A - Aula Magna “Petre S. Aurelian”
<b>Moderators</b>	<b>Assoc. Prof. Gheorghe Valentin GORAN</b> , Vice-Dean, Faculty of Veterinary Medicine, University of Agronomic Sciences and Veterinary Medicine of Bucharest  <b>Lecturer Paul-Alexandru POPESCU</b> , Vice-Dean, Faculty of Biotechnologies, University of Agronomic Sciences and Veterinary Medicine of Bucharest	
<b>Speakers</b>	<b>Prof. Samantha WISELY</b> , University of Florida, <i>“Designing innovative wildlife surveillance systems for          emerging pathogens of veterinary and medical importance in a          changing world”</i>  <b>Prof Cesare GARGIOLI</b> , University of Rome Tor Vergata, <i>“3D bioprinting for structured culture meat”</i>	
	<b>Q &amp; A Session</b>	
<b>13:00 – 14:00</b>	<i>Lunch &amp; Networking Activities</i>	Building A / Open air - front lawn
<b>14:00 – 16:00</b>	<b>Works on sections - See detailed sections programmes</b> <i>Section 1 – Agronomy, Section 2 – Horticulture,          Section 3 – Animal Science, Section 4 – Veterinary Medicine,          Section 5 – Land Reclamation, Earth Observation &amp; Surveying,          Environmental Engineering, Section 6 – Biotechnology,          Section 7 – Management and Economics in Rural Areas</i>	
<b>16:00 – 16:30</b>	<i>Coffee break</i>	
<b>16:30 – 18:00</b>	<b>Poster display and viewing - See detailed sections programmes</b> <i>Section 1 – Agronomy, Section 2 – Horticulture,          Section 3 – Animal Science, Section 4 – Veterinary Medicine,          Section 5 – Land Reclamation, Earth Observation &amp; Surveying,          Environmental Engineering, Section 6 – Biotechnology,          Section 7 – Management and Economics in Rural Areas</i>	
<b>19:00 – 21.30</b>	<i>Official Gala Dinner</i> <i>Cultural Event</i>	CERES Restaurant, USAMV Campus

## Day 2 – Friday, June 5

### Works on sections - See detailed sections programmes

*Section 1 – Agronomy, Section 2 – Horticulture, Section 3 – Animal Science,  
Section 4 – Veterinary Medicine, Section 5 – Land Reclamation, Earth Observation & Surveying,  
Environmental Engineering, Section 6 – Biotechnology,  
Section 7 – Management and Economics in Rural Areas*

08:00 – 09:00	Arrival and registration of participants; Poster display
09:00 – 11:00	<b>Opening session and Paper presentation I</b>
11:00 – 11:30	<i>Coffee break</i> ; Viewing posters and discussions
11:30 – 13:30	<b>Paper Presentations II</b>
13:30 – 14:30	<i>Lunch</i>
14:30 – 16:30	<b>Paper Presentations III</b>
16:30 – 17:00	<i>Coffee break</i>
17:00 – 18:00	Viewing posters and discussions
18:00 – 18:30	Final Discussions and Conclusions

## Day 3 – Saturday, June 6

### Conference visits / Technical Tours

08:00 – 12:00	<b>Conference Technical Tour 1:</b> Visit the National Village Museum "Dimitrie Gusti"
08:00 – 17:00	<b>Conference Technical Tour 2:</b> Pietroasa – Istrița Research and Development for Viticulture, Winemaking and Fruit Growing Visits

## Workshops within the conference

<b>Day</b>	<b>VENUE (UTC +3)</b>	<b>Activity</b>	<b>Organizer</b>
04.06.2026	14:00, Building B	Shaping the future of MODASYS: stakeholder perspectives for wider adoption and practical use	Research Center for the Study of the Quality of Agri-Food Products QLab
04.06.2026	18:00, A II a, Building A	European Network on Livestock Phenomics	Faculty of Animal Productions Engineering and Management
04.06.2026	14:00, Aula Magna "Prof. dr. Gheorghe Câmpeanu", 1st floor, Building D	Food Safety in Action: Allergen Awareness and Practical Demonstration (organized by GHI, Diamedix, and USAMV)	Faculty of Biotechnologies
05.06.2026	08:45, Council Room, 1st floor	Hyperspectral Remote Sensing Insights for Agriculture	Faculty of Land Reclamation, Earth Observation & Surveying, Environmental Engineering
05.06.2026	14:00, AMF II, Building D	Food Safety, Security and Inclusion in Romania (organized by EHEDG, GHI, ASAS, AGIR, and USAMV)	Faculty of Biotechnologies
05.06.2026	14:00, A II 79 Building A	Beekeeping and plant cultivation. Harmony between bees and plants	Faculty of Agriculture

## Conference topics

<b>Topics / Subtopics</b>	<p><b>Section 1 – Agronomy</b></p> <ul style="list-style-type: none"> <li>• Soil sciences</li> <li>• Crop sciences</li> <li>• Miscellaneous: Agroecosystems; Climatic changes and future challenges; Agricultural machinery and equipments in crop production; Precision farming in crop production; Crop biomass and biofuels; Organic farming in crop production</li> </ul>	<p><b>Section 4 - Veterinary Medicine</b></p> <ul style="list-style-type: none"> <li>• Fundamental sciences</li> <li>• Clinical sciences</li> <li>• Animal production, public health and food quality control</li> <li>• Veterinary education</li> <li>• Experimental Medicine</li> <li>• Miscellaneous: Complementary topics</li> </ul>
	<p><b>Section 2 – Horticulture</b></p> <ul style="list-style-type: none"> <li>• Fruit growing</li> <li>• Viticulture and Oenology</li> <li>• Vegetable growing</li> <li>• Floriculture, Ornamental Plants, Design and Landscape Architecture</li> <li>• Miscellaneous: Climate-resilient Horticulture; Ecological Horticulture systems; Permaculture; Urban Horticulture; Waste management and alternative energies in Horticulture</li> </ul>	<p><b>Section 5 - Land Reclamation, Earth Observation &amp; Surveying, Environmental Engineering</b></p> <ul style="list-style-type: none"> <li>• Environmental science and engineering</li> <li>• Disaster resilience and sustainable development</li> <li>• Water resources management</li> <li>• Remote sensing and geoinformatics</li> <li>• Miscellaneous: Complementary topics</li> </ul>
	<p><b>Section 3 – Animal Science</b></p> <ul style="list-style-type: none"> <li>• Genetics and breeding</li> <li>• Nutrition</li> <li>• Reproduction, physiology, anatomy</li> <li>• Technologies of animal husbandry</li> <li>• Technologies of the agro food products processing</li> <li>• Wild life management, fishery and aquaculture</li> <li>• Miscellaneous: Machinery and installations for animal husbandry; Livestock building; Zoo-hygiene</li> </ul>	<p><b>Section 6 – Biotechnology</b></p> <ul style="list-style-type: none"> <li>• Agricultural biotechnology</li> <li>• Food Biotechnology</li> <li>• Medical and Pharmaceutical Biotechnology</li> <li>• Environmental Biotechnology</li> <li>• Miscellaneous: Food and Biotechnology legislation, Fermentation industry equipment and installations, insurance in biotechnology, GMO-legislation</li> </ul>
	<p><b>Section 7 - Management and Economics of Rural Areas</b></p> <ul style="list-style-type: none"> <li>• Production economics and agromarketing</li> <li>• Farm and cooperatives management</li> <li>• Agricultural and rural policies</li> <li>• AgriBusiness and agricultural extension</li> <li>• Sustainable development of rural area</li> <li>• Agritourism and rural tourism</li> <li>• Environmental economics and bioeconomy</li> <li>• Digital economy and innovation in modern agriculture and food chain</li> <li>• Miscellaneous: Trade in agricultural products; Insurance and reinsurance in agriculture; Food legislation; Food industry equipment and installations; Rural Statistics</li> </ul>	





# Section 1

# **AGRONOMY**

**University of Agronomic Sciences and Veterinary Medicine of Bucharest**  
**Faculty of Agriculture**

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- Doru Ioan MARIN
- Mircea MIHALACHE
- Elena Loredana SFETCU

## **SECTION 1 – AGRONOMY**

*Agronomy Section Chairman:*

*Oral presentations*

*Prof. Dr. Mircea MIHALACHE*

*Prof. Dr. Viorel ION*

*Assoc. Prof. Dr. Lenuța Iuliana EPURE*

## THURSDAY, 4<sup>TH</sup> OF JUNE, 2026

Faculty of Agriculture

Building A - Ground Floor, Aula Magna "Petre S. Aurelian"

- 14:00 – 14:15 *Conference Section Opening*
- 14:15 – 16:00 *Session 1 - Ground Floor, Aula Magna "Petre S. Aurelian"*
- 16:00 – 16:30 *Coffee break - Ground Floor, Main Hall*
- 16:30 – 17:30 *Posters display and viewing - Ground Floor, Central Hall*
- 19:00 – 21:30 *Official Gala Dinner - Cultural Event (Ceres Restaurant) - USAMV Campus*

### SESSION 1

Time: 14:15 – 16:00

Faculty of Agriculture

Building A - Ground Floor, Aula Magna "Petre S. Aurelian"

*Session Moderators:* **Prof. Dr. Leonard ILIE**  
**Assoc. Prof. Dr. Elena Mirela DUȘA**

Time	Authors	Paper Title
14:15 – 14:30	Dumitru MANOLE, Laurențiu Luca GANEA, Viorel ION	SORGHUM CROP AS AN ALTERNATIVE IN THE CONTEXT OF CLIMATE CHANGES IN THE SOUTH-EAST ROMANIA
14:30 – 14:45	Hamad SAEED	YIELD AND GRAIN QUALITY RESPONSES OF WINTER WHEAT TO BIOSTIMULANTS UNDER REDUCED FERTILISER INPUTS
14:45 – 15:00	Emil GEORGESCU, Maria TOADER, Lidia CANĂ, Cristina RADU, Paula-Lucelia PINTILIE, Luxița RÎȘNOVEANU	POPULATION DYNAMIC OF EUROPEAN CORN BORER ( <i>Ostrinia nubilalis</i> Hbn.) AT NARDI FUNDULEA IN THE SOUTH-EAST ROMANIA
15:00 – 15:15	Eugen PETCU, Liliana VASILESCU, Silviu VASILESCU, Viorel ION, Lenuța Iuliana EPURE	WINTER TWO-ROW BARLEY YIELD RESPONSE TO SOWING DENSITY IN SOUTHEASTERN ROMANIA

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
15:15 – 15:30	Ana-Maria TĂBĂRAȘU, Florin NENCIU, Lorena-Diana POPA, Tatiana ONISEI, Manuela RASCOL, Petru Alexandru VLAICU, Nicolae-Valentin VLĂDUȚ	HYBRID PERCOLATION-ULTRASOUND TECHNOLOGY TO IMPROVE EXTRACTION OF BIOACTIVE SUBSTANCES FROM HEMP BUDS FOR AGRICULTURAL APPLICATIONS
15:30 – 15:45	Nicoleta-Alina UDROIU, Sabrina Maria BĂLĂNESCU	BIOMETHANE: PRODUCTION, USES AND ENVIRONMENTAL IMPACT
15:45 – 16:00	<i>Discussions</i>	
16:00 – 16:30	<i>Coffee break – Ground Floor, Main Hall</i>	
16:30 – 17:30	<i>Posters display and viewing – Ground Floor, Main Hall</i>	
19:00 – 21:30	<i>Official Gala Dinner – Cultural Event (Ceres Restaurant, USAMV Campus)</i>	

## **FRIDAY, 5<sup>TH</sup> OF JUNE, 2026**

*Faculty of Agriculture*

*Building A - Ground Floor, Aula Magna “Petre S. Aurelian”*

08:00 – 09:00	<i>Arrival and registration of participants – Ground Floor, Main Hall</i>
09:00 – 11:00	<i>Session 2 – Ground Floor, Aula Magna “Petre S. Aurelian”</i>
11:00 – 11:30	<i>Coffee break / Viewing posters and discussions – Ground Floor, Main Hall</i>
11:30 – 13:30	<i>Session 3 – Ground Floor, Aula Magna “Petre S. Aurelian” Final Discussions and Concluding Remarks</i>
13:30 – 14:30	<i>Lunch – Ground Floor, Main Hall</i>

## SESSION 2

Time: 09:00 – 11:00

Faculty of Agriculture

Building A - Ground Floor, Aula Magna "Petre S. Aurelian"

**Session Moderators: Assoc. Prof. Dr. Maria TOADER**

**Prof. Assist. Dr. Valentina Mihaela VASILE**

Time	Authors	Paper Title
09:00 – 09:10	Nesho NESHEV, Krasimira UZUNOVA, Mariyan YANEV, Anyo MITKOV, Todor MANILOV	STUDY ON THE AGRONOMIC AND PRODUCTIVE TRAITS OF WINTER CEREALS GROWN SOLE AND AS MIXED CROPS
09:10 – 09:20	Cemal KURT, Ahmet DEMIRBAS, Ikhlas SHAFIQUE	ASSESSMENT OF CADMIUM (Cd) CONTENT IN PEANUTS FROM MAIN PEANUT PRODUCING AREAS OF TÜRKIYE
09:20 – 09:30	Nadejda EFREMOVA, Natalia CHISELIȚA, Oleg CHISELIȚA, Cristina MOLDOVAN	EVALUATION OF THE EFFICACY OF YEAST FUNGICIDES FOR THE CONTROL OF FUNGAL DISEASES OF BARLEY
09:30 – 09:40	Rendy ANGGRIAWAN, Keşutis ROMANECKAS, Rita ČEPULIENĖ, Jūratė ALEINIKOVIENĖ	SOIL MICROBIAL MEDIATION OF ALLELOCHEMICALS AND ITS IMPLICATIONS FOR PEDOGENESIS AND AGRICULTURAL LANDSCAPES
09:40 – 09:50	Alexandra GHEORGHİȚĂ, Vlad STOIAN, Bianca POP, Roxana VIDICAN	FUNCTIONAL ALTERATION AND DOMINANCE-CODOMINANCE PATTERNS IN DECOMPOSITION FUNCTIONAL MICROBIOMES FROM LONG-TERM FERTILIZED AND AMENDED EXPERIMENTS
09:50 – 10:00	Bianca POP, Vlad STOIAN, Alexandra GHEORGHİȚĂ, Roxana VIDICAN	ADAPTATIVE RESPONSE OF FUNCTIONAL MICROBIOMES IS HEAVY METALS SOILS EXPOSED TO A PHYTOREMEDIATION PROCESS
10:00 – 10:10	Gabriel BĂDESCU, Mihail SUSINSKI, Cristian VASILE, Petre SĂVESCU, Emilia CONSTANTINESCU, Gabriel TĂNASIE	GIS-BASED SOIL EROSION SUSCEPTIBILITY MAPPING USING DRAINAGE DENSITY AND RUSLE FACTORS: CASE STUDY IN FLOREȘTI ATU (CLUJ COUNTY, ROMANIA)

Time	Authors	Paper Title
10:10 – 10:20	Maxim BÎRSA, Tamara SÎRBU, Svetlana BURȚEVA, Laurenția ARTIOMOV	BIOACTIVE SUBSTANCES OF ACTINOBACTERIA ORIGIN FOR AGRICULTURE USE
10:20 – 10:30	Diana Elena BOLOHAN, Lucian RAUS	EFFECTS OF SEED TREATMENT WITH MICRONUTRIENTS ON EARLY DEVELOPMENT OF OILSEED RAPE ( <i>Brassica napus</i> L.)
10:30 – 10:40	Elena NICOLAE, Valentina VASILE, Costică CIONTU	RESEARCH ON ANALYTICAL VARIABILITY OF GERMINATION DETERMINATION IN SEED TESTING LABORATORIES
10:40 – 10:50	Oana MIHAI-FLOREA, Traian Ciprian STROE, Liliana PANAITESCU	IMPACT OF PD-04_DR-02_P4 GREEN COVER CROPS ON THE PRODUCTIVITY OF MAIZE HYBRIDS
10:50 – 11:00	<i>Discussions</i>	
11:00 – 11:30	<i>Coffee break - Ground Floor, Main Hall</i>	

### SESSION 3

**Time: 11:30 – 13:30**

*Faculty of Agriculture*

*Building A - Ground Floor, Aula Magna "Petre S. Aurelian"*

**Session Moderators: Prof. Dr. Vasilica STAN**

**Assoc. Prof. Dr. Alina Nicoleta UDROIU**

Time	Authors	Paper Title
11:30 – 11:40	Tsvetomir KOEV, Nesho NESHEV	GROWTH AND DEVELOPMENT OF THE WEED JOINTED GOATGRASS ( <i>Aegilops cylindrica</i> Host) EMERGING FROM DIFFERENT DEPTHS
11:40– 11:50	Claudiu-Daniel UTOIU, Bogdan DRAGANCEA, Elena UTOIU, Mihai GÎDEA	INTEGRATED UAV AND GIS-BASED TECHNOLOGIES FOR EARLY DETECTION AND SITE-SPECIFIC MANAGEMENT OF WEEDS IN ARABLE CROPS UNDER CLIMATE CHANGE CONDITIONS

Time	Authors	Paper Title
11:50 – 12:00	Andreea CIOBOTA, Marilena ONETE, Mihaela CIOBOTA, Roxana NICOARA	ASSESSMENT OF AVIAN SPECIES DIVERSITY ACROSS THREE PEATLAND ECOSYSTEMS OF N-W ROMANIA AND POSSIBLE INFLUENCE ON THE SURROUNDING AGRICULTURAL FIELDS
12:00 – 12:10	Ioana GOMOIU, Marilena ONETE, John Owen MOUNTFORD, Luiza-Silvia MIHAI	EXPLORATORY STUDIES ON MYCOBIOTA AROUND THE ROOTS OF INVASIVE PLANTS - CASE STUDY <i>Ailanthus altissima</i>
12:10 – 12:20	Simona MIHĂILESCU, Daniela STRAT, Ioana VICOL, Iuliana- Florentina GHEORGHE	SCIENTIFIC CONSIDERATIONS REGARDING THE PRESENCE OF CONTINENTAL DUNE HABITATS IN ROMANIA
12:20 – 12:30	Simona MIHĂILESCU, Ioana VICOL, Roxana-Georgiana NICOARĂ, Luiza-Silvia MIHAI, John Owen MOUNTFORD, Marilena ONETE	<i>Marsilea quadrifolia</i> , A VULNERABLE SPECIES IN ROMANIA IN THE CONTEXT OF ITS CONSERVATION STATUS REPORTED TO THE EU
12:30 – 12:40	Leonardo FAEDO, Julia WRIGHT, Francis RAYNS, Ulrich SCHMUTZ, Stephan BAUMGARTNER, Leoni Vilano BONAMIN, Alexander TOURNIER	ENHANCING WHEAT RESILIENCE TO HYDRIC STRESS THROUGH DYNAMIZED MINERAL BIOSTIMULANTS: GREENHOUSE TRIAL INSIGHTS
12:40 – 12:50	Oleksandra FILITSKA, Mykola LOZINSKYI, Mykola GRABOVSKYI, Maiia SAMOILYK, Yurii FEDORUK, Anatolii YURCHENKO, Yuliia KUMANSKA, Iryna SYDOROVA, Tetiana PROKOPIUK	TRANSGRESSIVE VARIABILITY OF THE NUMBER OF SPIKELETS IN THE MAIN SPIKE IN F <sub>2</sub> -F <sub>4</sub> POPULATIONS UNDER HYBRIDISATION OF WINTER WHEAT VARIETIES OF DIFFERENT ECOTYPES

Time	Authors	Paper Title
12:50 – 13:00	Mykola GRABOVSKYI, Mykola LOZINSKYI, Yriy FEDORUK, Leonid KOZAK, Lesya KACHAN, Igor POKOTYLO, Yulia VASHCHUK, Taras PANCHENKO, Denys KOVALOV	QUALITY TRAITS OF CORN GRAIN AND BY-PRODUCTS IN RESPONSE TO MACRONUTRIENT FERTILISER AND PLANT GROWTH REGULATOR APPLICATION
13:00 – 13:10	<i>Discussions</i>	
13:10 – 13:30	<i>Final Discussions and Concluding Remarks</i>	
13:30 – 14:30	<i>Lunch – Ground Floor, Main Hall</i>	

*Agronomy Section Chairman*

*Poster presentations*

*Prof. Dr. Doru Ioan MARIN*

*Prof. Dr. Mihai GÎDEA*

*Assoc. Prof. Dr. Adrian Gheorghe BĂȘA*

## POSTER SESSION

Time: 8:00 – 17:30

Faculty of Agriculture

Building A - Ground Floor, Aula Magna "Petre S. Aurelian"

No.

Authors

Paper Title

### SOIL SCIENCES

*Session Moderators: Assoc. Prof. Dr. Marian MUȘAT*

*Lecturer Dr. Mihaela NICHITA*

- |    |   |   |
|----|---|---|
| 1. | Mihaela BĂLAN, Oana Alina NIȚU  | SOIL FERTILITY DYNAMICS ON A SOWN GRASSLAND UNDER THE COMBINED INFLUENCE OF MINERAL FERTILIZATION AND WATER EROSION                   |
| 2. | Carmelia Mariana BĂLĂNICĂ<br>DRAGOMIR, Alina MUREȘAN,<br>Mirela CREȚU, Ciprian CUZMIN   | MONITORING SOIL PHYSICO-CHEMICAL PROPERTIES UNDER DIFFERENT LAND USE CONDITIONS   |
| 3. | Dragomir BRUMAR,<br>Marius Nicolae CIOBOATĂ,<br>Marius MILUȚ  | EFFICIENT EXPLOITATION OF NATURAL AND MATERIAL RESOURCES THROUGH OPTIMAL TERRITORIAL PLANNING OF ARABLE LAND                          |
| 4. | Vera CARABULEA,<br>Dumitru-Marian MOTELICĂ,<br>Nicoleta Olimpia VRÎNCEANU,<br>Bogdan Stefan OPREA,<br>Georgiana PLOPEANU,<br>Mihaela COSTEA | STUDIES ON THE ACCUMULATION OF HEAVY METALS IN <i>Trifolium pratense</i> L. PLANTS ON AN ARTIFICIALLY POLLUTED SOIL IN THE GREENHOUSE |
| 5. | Alexandru Cristian CÎRJALIU,<br>Mihai GÎDEA, Costică CIONTU   | TILLAGE SYSTEMS - IMPACT ON THE ECOSYSTEM - REVIEW  |
| 6. | Petya GENKOVA,<br>Vera STEFANOVA,<br>Manol DALLEV, Hristo TANKOV  | IMPACT OF INNOVATIVE SOIL CULTIVATION DISCS ON AGRONOMICALLY VALUABLE SOIL  |
| 7. | Alin-Ionel GHIORGHE,<br>Daniela TRIFAN  | IMPROVEMENT OF SOIL PHYSICAL PROPERTIES THROUGH THE INTEGRATION OF GREEN MANURE CROPS UNDER THE PEDO-CLIMATIC CONDITIONS OF BRĂILA    |

No.	Authors	Paper Title
8.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN	EVOLUTION OF TYPOGENETIC CHERNOZOMIC PROCESSES UNDER HUMIC FERTILIZATION CONDITIONS
9.	Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN	HUMIC FERTILIZATION: SOIL REGENERATIVE CONSIDERATIONS
10.	Dragoș MANEA, Eugen MARIN, Dragoș-Nicolae DUMITRU, Alin HARABAGIU	ANALYSIS OF THE EVOLUTION OF SOIL FERTILITY UNDER THE INFLUENCE OF DIFFERENT TYPES OF WORKS, IN THE PEDOCLIMATIC CONDITIONS OF THE CENTRAL, SOUTHERN AND SOUTH- EASTERN REGIONS OF ROMANIA
11.	Eugen MARIN, Dragoș MANEA, Gabriel-Valentin GHEORGHE	EXPERIMENTAL RESEARCH FOR THE PROMOTION OF TECHNICAL EQUIPMENT FOR CLEARING MOUNDS AND FERTILIZING SOILS OCCUPIED BY GRASSLANDS
12.	Marian MUȘAT, Mihaela Valentina VASILE, Lavinia BURTAN, Costel DOLOCAN	ASSESSMENT OF SOIL RESOURCES AND AGRICULTURAL LAND SUSTABILITY IN THE HAȚEG - GENERAL BERTHELOT AREA, HUNEDOARA COUNTY, ROMANIA
13.	Lucian Dumitru NIȚĂ, Karel Iaroslav LAȚO, Ilinca IMBREA, Ioana Alina HÎNDA, Lucian Florin BOTOȘ, Simona NIȚĂ	FORMATION AND EVOLUTION OF SOILS IN THE LOW PLAINS OF WESTERN ROMANIA
14.	Bogdan Ștefan OPREA, Nicoleta Olimpia VRÎNCEANU, Dumitru-Marian MOTELICĂ, Vera CARABULEA, Georgiana Iuliana PLOPEANU, Mihaela COSTEA	EVALUATION OF HEAVY METALS UPTAKE BY <i>Lotus corniculatus</i> L. IN RESPONSE TO CULTIVATION ON ARTIFICIALLY CONTAMINATED SOIL UNDER GREENHOUSE CONDITIONS
15.	Ioan PĂCEȘILĂ, Emilia RADU	THE IMPACT OF PESTICIDES ON SOIL QUALITY IN AGRICULTURAL SYSTEMS: RISKS AND PATHWAYS TOWARD SUSTAINABLE SOLUTIONS

No.	Authors	Paper Title
16.	Georgiana PLOPEANU, Nicoleta VRÎNCEANU, Mariana ROZSNYAI, Veronica TĂNASE, Vera CARABULEA, Bogdan OPREA, Mihaela COSTEA, Vasilica ȘTEFAN	PRELIMINARY RESEARCH CONCERNING THE POTENTIAL USE OF POULTRY MANURE AS AN AGRICULTURAL FERTILIZER
17.	Bianca - Anamaria POPA, Mircea MIHALACHE, Lorena ADAM	ORGANO-MINERAL FERTILIZATION ON THE MORPHOLOGICAL AND BIOMETRIC TRAITS OF SUGAR BEET ( <i>Beta vulgaris</i> L.) UNDER THE ECOPEDEOLOGICAL CONDITIONS OF COVASNA COUNTY
18.	Gheorghe RACOVÎȚA, Valentina ANDRIUCĂ	ASSESSMENT OF THE TRANSFORMATIVE POTENTIAL OF DIGITALIZATION OF AGRICULTURE FOR ENSURING FOOD SECURITY IN THE REPUBLIC OF MOLDOVA
19.	Lucian RAUS, Diana BOLOHAN, Cosmin MOLOCEA	MODERN NITROGEN FERTILIZATION STRATEGIES FOR IMPROVING EFFICIENCY AND GRAIN QUALITY IN WINTER WHEAT
20.	Larisa Elena RÎPA (TOPÂRCEANU), Viorel GHIORȚAN, Andreea NEDELUCU, Leonard ILIE	CHARACTERIZATION OF SPECIFIC SOILS FROM THE ROSEȚI AREA, CĂLĂRAȘI COUNTY
21.	Gheorghe ROGOBETE, Adia GROZAV	MELANIC SOILS IN THE HIGH PLAIN TIMIȘ AND LIPOVA-LUGOJ-FĂGET HILLS
22.	Mario SRAKA, Filip AGNIĆ, Nikolina JURKOVIĆ BALOG, Ivan MAGDIĆ	SOIL PARTICLE-SIZE ANALYSIS: A COMPARISON OF THREE METHODS
23.	Veronica TANASE, Nicoleta Olimpia VRÎNCEANU, Mihaela PREDA, Mihaela COSTEA, Patrick URSAN, Florența (JAFRI) PARASCHIV	EFFECTS OF PROGRESSIVE POTASSIUM FERTILIZATION RATES UNDER NP FERTILIZATION ON SOIL CHEMICAL PROPERTIES AND WHEAT GRAIN NUTRIENT COMPOSITION GROWN ON HAPLIC LUVISOL
24.	Maryna ZAKHAROVA, Sviatoslav BALIUK, Ludmila VOROTYNTSEVA	APPROACHES TO HARMONIZATION OF SOIL SALINITY ASSESSMENT METHODS FOR SUSTAINABLE FERTILITY MANAGEMENT

## CROP SCIENCES

**Moderators: Lecturer Dr. Minodora GUTUE**

**Lecturer Dr. Ana Maria STANCIU**

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|----|--|--|
| 1. | Amer ABU-AWWAD,<br>Ştefan Laurenţiu BĂTRÎNA,<br>Diana OBIŞTIOIU,<br>Ilinca Merima IMBREA,<br>Ioana-Alina HÎNDA,<br>Adrian BORCEAN, Florin IMBREA                                   | NATURAL ALTERNATIVES TO<br>CONVENTIONAL FUNGICIDES IN<br>WHEAT CULTIVATION: RECENT<br>ADVANCES AND PERSPECTIVES FOR<br>SUSTAINABLE AGRICULTURE   |
| 2. | Lorena ADAM, Manuela<br>HERMEZIU, Camelia URDĂ,<br>Viorel ION  | BIOSTIMULATOR INFLUENCE ON THE<br>NUMBER AND WEIGHT OF TUBERS PER<br>HILL AT DIFFERENT CLIMATIC AND<br>TECHNOLOGICAL CONDITIONS  |
| 3. | Lorena ADAM,<br>Manuela HERMEZIU,<br>Carmen CHELMEA,<br>Roxana ZAHARIA,<br>Carmen MINCEA,<br>Mihaela BOTEA   | EVALUATION OF LATE BLIGHT AND<br>EARLY BLIGHT IN POTATO CROPS<br>UNDER CURRENT CLIMATIC<br>CONDITIONS IN THE BÂRSA<br>DEPRESSION USING CONVENTIONAL<br>FUNGICIDES AND BIOLOGICAL<br>TREATMENTS BASED ON <i>Beauveria<br/>bassiana</i> , <i>Trichoderma</i> spp. AND NEEM OIL |
| 4. | Roxana-Georgiana<br>AMARGHIOALEI,<br>Paula-Lucelia PINTILIE,<br>Doru STANCIU, Elena TROTUŞ,<br>Nela TĂLMACIU, Monica HEREA,<br>Ionela MOCANU,<br>Mihai TĂLMACIU,<br>Emil GEORGESCU | RESEARCH ON THE BIOECOLOGY OF<br>THE SPECIES <i>Diabrotica virgifera virgifera</i> Le<br>Conte IN THE PEDOCLIMATIC<br>CONDITIONS OF CENTRAL MOLDOVA,<br>IN THE PERIOD 2022-2024  |
| 5. | Nicolae Alexandru ANDREESCU,<br>Doru Ioan MARIN  | RESEARCH ON THE ANALYSIS OF SOME<br>FACTORS THAT INFLUENCE THE<br>QUANTITY OF POLLEN PRODUCED BY<br>THE INBREED CORN LINES ( <i>Zea mays</i> L.)   |
| 6. | Andreea-Cristina ANDREOIU,<br>Monica TOD, Paul ZEVEDEI,<br>Adrian BLAJ, Marcela DRAGOŞ   | EVALUATION OF SOME <i>Dactylis glomerata</i><br>GENOTYPES FORAGE QUALITY UNDER<br>BRAŞOV AREA CLIMATIC CONDITIONS  |

No.	Authors	Paper Title
7.	Desislava ANGELOVA, Stanko STANEV, Zarya RANKOVA	EVALUATION OF SOIL HERBICIDES FOR WEED CONTROL IN LAVENDER ( <i>Lavandula angustifolia</i> Mill.)
8.	Florin Gabriel ANTON, Maria JOIȚA-PĂCUREANU, Laura CONTESCU, Mihaela CERGAN, Sabina PINTILIA, Marius BORDEI	INFLUENCE OF DROUGHT ON SEED OIL CONTENT OF SOME SUNFLOWER HYBRIDS IN YEARS 2024 AND 2025, IN SOUTHEASTERN OF ROMANIA
9.	Alina Cristina BĂLAȘU, Cristinel Relu ZALĂ, Ștefania Elena IVAN, Elena PARTAL, Stelica CRISTEA	RESEARCH ON THE REACTION OF SOME BEAN GENOTYPES TOWARDS PATHOGENIC AGENTS DETECTED, UNDER IRRIGATED CULTIVATION CONDITIONS, IN THE BALTA-ALBĂ AREA, BUZAU COUNTY
10.	Ștefan Laurențiu BĂTRÎNA, Andrei Ioan CURTUTIU, Sabin CHIȘ, Denisa Cristiana HETEA	STUDY OF YELD QUANTITY AND ECONOMICAL IMPACT OF MAIZE OBTAINED IN A PRIVATE FARM LOCATED IN MACEA MICROZONE, ARAD COUNTY
11.	Octavian BERCHEZ, Olimpia Smaranda MINTAȘ, Călin Gheorghe PĂȘCUȚ, Andra Nicoleta LAZĂR, Valeriu Adrian ȘTEF	MILLET CULTIVATION - A SUSTAINABLE ALTERNATIVE TO MAIZE CULTIVATION IN MOISTURE DEFICIT AREAS OF NORTH-WESTERN BIHOR COUNTY DOMINATED BY ARENOSOLS, IN THE CONTEXT OF CLIMATE CHANGE
12.	Cristian BOSTAN, Christianna ISTRATE-SCHILLER, Nicolae Marinel HORABLAGA, Cristian CRISTEA, Marius BOLDEA, Petru RAIN, Veronica SĂRĂȚEANU, Ionel SAMFIRA	ANALYSIS OF PRODUCTIVITY AND CLIMATE-STRESS ADAPTABILITY OF <i>Lotus corniculatus</i> L. CULTIVARS IN A COMPARATIVE CULTIVATION SYSTEM
13.	Cristian BOSTAN, Nicolae Marinel HORABLAGA, Ciprian BUZNA, Camelia URDĂ, Cristian CRISTEA, Emilian ONIȘAN, Ionel SAMFIRA	MORPHOLOGICAL AND NUTRITIVE VARIABILITY ACROSS WHITE CLOVER ( <i>Trifolium repens</i> L.) GENOTYPES UNDER FIELD CONDITIONS
14.	Lucian BOTOȘ, Simona NIȚĂ, Laura ȘMULEAC, Ilinca IMBREA, Florin CRISTA, Ioana Alina HÎNDA, Florin IMBREA	EFFECTS OF MINERAL NUTRITION FACTORS AND PEDOCLIMATIC CONDITIONS ON YIELD PERFORMANCE AND QUALITY OF <i>Vicia faba</i> L.

No.	Authors	Paper Title
15.	Tatyana BOZHANSKA, Mariya GEORGIEVA, Diyana GEORGIEV, Denitsa HRISTOVA, Tatiana IVANOVA	CHEMICAL COMPOSITION, DIGESTIBILITY AND NUTRITIVE VALUE OF SOWN GRASSLANDS OF CEREALS AND LEGUME MEADOW GRASSES
16.	Ciprian BUZNA, Edward MUNTEAN, Camelia URDĂ, Cristian BOSTAN, Florin SALA	PHOTOSYNTHETIC PIGMENTS AND ANTIOXIDANT ACTIVITY IN INDUSTRIAL HEMP AS INFLUENCED BY SOWING DATE AND PLANT DENSITY
17.	Alin CARABET, Ioana GROZEA, Adrian BORCEAN, Dan MANEA, Casiana MIHUT, Anișoara DUMA COPCEA, Dacian LALESCU, Ramona ȘTEF	EVALUATION OF FUNGICIDE TREATMENTS FOR THE CONTROL OF NET BLOTCH ( <i>Pyrenophora teres</i> ) IN SPRING BARLEY UNDER EPO SOUTH-EAST ZONE CONDITIONS
18.	Rodica CATANĂ, Raluca MIHAI, Carmen MAXIMILIAN, Larisa FLORESCU, Amalia BICHERU, Iulia LOVIN, Monica MITOI	PRELIMINARY STUDIES ON THE IMPACT OF EXPERIMENTAL CONDITIONS ON WHEAT MICROGREENS DEVELOPMENT
19.	Florin CAZAN, Lenuța Iuliana EPURE, Mihai GÎDEA	STATE OF KNOWLEDGE REGARDING THE INFLUENCE OF SOIL CULTIVATION ON CORN CROPS
20.	Mihaela CERGAN, Gheorghe MĂTURARU, Gabriel ANTON	THE IMPACT OF HERBICIDE TREATMENTS IN THE CONTROL OF WEED SPECIES PRESENT IN THE WHEAT CROP
21.	Simona COMAN, Lizica SZILAGYI, Costică CIONTU	FACTORS INFLUENCING STERILITY BREAKAGE IN CMS MAIZE LINES ( <i>Zea mays</i> L.)
22.	Bogdan COZMA, Diana OBISTIOIU, Raul PASCALAU, Ilinca Merima IMBREA, Laura CRISTA, Antoanela COZMA, Florinel IMBREA	MULTIVARIATE ANALYSIS OF GRAIN QUALITY TRAITS IN OAT ( <i>Avena sativa</i> L.) CULTIVARS UNDER DIFFERENT NITROGEN FERTILIZATION LEVELS
23.	Ioana CRIȘAN, Florin RUSSU, Raluca REZI, Nicolae TRITEAN, Emanuela FILIP, Ana-Maria VĂLEAN	THE INFLUENCE OF GENETIC AND ENVIRONMENTAL FACTORS ON PRODUCTIVE TRAITS AND MALT QUALITY IN SPRING BARLEY

No.	Authors	Paper Title
24.	Vanya DELIBALTOVA, Svetlana MANHART	AGRONOMIC EVALUATION OF SUNFLOWER HYBRIDS ( <i>Helianthus annuus</i> L.) BY THE QUANTITY AND QUALITY INDICES
25.	Gergana DESHEVA, Gordana PETROVIĆ, Manol DESHEV, Evgeniya VALCHINOVA, Albena PENCHEVA, Bozhidar KYOSEV	GENETIC DIVERSITY OF HIGH AND LOW MOLECULAR WEIGHT GLUTENIN SUBUNITS IN BULGARIAN ACCESSIONS FROM <i>Aegilops triuncialis</i> SPECIES
26.	Elena Daniela DIHORU (PIRVAN), Elena ROȘCULETE, Ramona Aida PĂUNESCU, Cătălin Aurelian ROȘCULETE, Elena BONCIU	RESEARCH ON THE BEHAVIOR OF ISOGENIC LINES FOR THE WAXY GENE RESPONSIBLE FOR WHEAT WAXINESS, IN THE PEDOCLIMATIC CONDITIONS OF CENTRAL OLTENIA
27.	Bozhidar DIMITROV, Anyo MITKOV	EFFICACY AND SELECTIVITY OF HERBICIDES TESTED ALONE AND IN COMBINATION WITH BIOSTIMULANTS IN MAIZE
28.	Ivaylo DINKOV, Mariyan YANEV	EVALUATION OF IMAZAMOX- CONTAINING HERBICIDES FOR WEED CONTROL IN COMMON BEANS ( <i>Phaseolus</i> <i>vulgaris</i> L.)
29.	Sergiu DOBROJAN, Victor MELNIC, Galina DOBROJAN, Angela MELNIC, Gheorghe JIGĂU	THE IMPACT OF THE APPLICATION OF CHLORELLA VULGARIS TREATMENT ON GROWTH PARAMETERS AND HARVEST YIELD OF <i>Mentha piperita</i> L. VARIETIES 'VICTORIA' AND <i>Mentha longifolia</i> L. VARIETIES 'ARGINT'
30.	Reta DRAGHICI, Maria JOIȚA- PĂCUREANU, Ștefan NANU, Alina-Nicoleta PARASCHIV, Milica DIMA, Gabriel Florin ANTON, Ana-Maria STOENESCU	ECOLOGICAL EVALUATION OF SUNFLOWER GENOTYPES UNDER THE MICROCLIMATIC CONDITIONS OF SANDY SOILS IN SOUTHERN OLTENIA
31.	Rangel DRAGOV, Evgeniy DIMITROV, Krasimira TANEVA, Zlatina UHR, Teodora ANGELOVA	INFLUENCE OF SEEDING RATE, SOWING DATE, AND METEOROLOGICAL CONDITIONS ON THE YIELD OF DURUM WHEAT

No.	Authors	Paper Title
32.	Ioana-Claudia DUNĂREANU, Dorina BONEA	IMPACT OF CLIMATE CHANGE ON THE GROWTH AND YIELD OF CORN IN AGROCLIMATIC CONDITIONS AT ARDS SIMNIC, DJOLJ COUNTY
33.	Carmen Claudia DURAU, Daniela SCEDEL, Antoanela COZMA, Casiana MIHUȚ, Veronica SĂRĂTEANU	EVALUATION OF SOME FEATURES PRODUCTION FOR VETCH- OATS FORAGE MIXTURES - CASE STUDY
34.	Stanimir ENCHEV, Velimir DONCHEV	STUDY ON THE IMPACT OF INNOVATIVE BIOFERTILIZERS ON PROSO MILLET ( <i>Panicum miliaceum</i> ) PRODUCTIVITY
35.	Andreea ENEA, Simona-Florina ISTICIOAIA, Roxana CĂLUGĂR, Teodor ROBU, Camelia URDĂ, Andreea-Sabina PINTILIE, Oana MÎRZAN, Alexandra LEONTE, Margareta NAIE, Cosmin MURARU	THE EFFECT OF TEMPERATURE IN THE MILLET SEED GERMINATION AND THE INFLUENCE OF ROW SPACING ON THE PERFORMANCE OF SEVERAL <i>Panicum miliaceum</i> L. GENOTYPES UNDER THE PEDOClimATIC CONDITIONS OF ARDS SECUIENI
36.	Viorel FĂTU, Laura ȘOPTERIAN, Luxița RÎȘNOVEANU, Mihaela Monica DINU, Ana-Cristina FĂTU	EVALUATION OF CHEMICAL, BIOLOGICAL AND NATURAL SEED TREATMENTS IN SUNFLOWER ( <i>Helianthus annuus</i> L.) FOR IMPROVED GERMINATION AND CROP PROTECTION
37.	Emanuela FILIP, Camelia URDĂ, Florin RUSSU, Ioana CRIȘAN, Marius AIPĂȚIOAIE, Ana-Maria VĂLEAN, Laura ȘOPTERIAN, Alexandru COSTIN	EVALUATION OF PRODUCTIVE AND QUALITY PARAMETERS IN SPRING BARLEY
38.	Vasile FOLEA, Stelica CRISTEA, Beatrice IACOMI, Emil GEORGESCU, Adrian TEBAN	RESEARCH REGARDING EFFICACY OF FENPICOXAMID TREATMENT IN THE CONTROL OF SOME PATHOGENS IN WINTER WHEAT
39.	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Florin-Daniel LIPȘA, Eugen ULEA	CHARACTERIZATION OF BLACK POINT DISEASE IN WINTER WHEAT: EPIDEMIOLOGY, SEVERITY SCORING AND FUNGAL COMMUNITY STRUCTURE

No.	Authors	Paper Title
40.	Marian Robert GHEORGHE, Cristina GHIORGHE, Mariana Cristina NICOLAE	THE INFLUENCE OF BIOTIC AND ABIOTIC FACTORS ON THE PRODUCTION AND ITS QUALITY IN FOUR NEW WINTER WHEAT GENOTYPES
41.	Cristina GHIORGHE, Marian Robert GHEORGHE, Mariana Cristina NICOLAE, Ion MITREA	MICROBIAL COMMUNITY OF WHEAT STORED SEEDS
42.	Cristina GHIORGHE, Otilia COTUNA, Veronica SĂRĂȚEANU, Marian Robert GHEORGHE, Ion MITREA	THE EFFECT OF BLACK POINT DISEASE ON THE QUALITY OF WHEAT GROWING IN THE SOUTHERN PART OF ROMANIA
43.	Flori Denisa GHIȚĂ, Emilia CONSTANTINESCU, Ion SĂRĂCIN, Ioan Alexandru SĂRĂCIN	TILLAGE SYSTEM AND INTEGRATED INPUTS IMPROVE SMALL FARMERS' SOIL FERTILITY AND PRODUCTIVITY IN MAIZE CROPPING
44.	Ioana GROZEA, Jozsef-Zsolt VERES, Florin PRUNAR, Snejana DAMIANOV, Silvia PRUNAR, Adrian GROZEA, Ana-Maria VIRTEIU	SMART PEST MANAGEMENT IN MAIZE: THE ROLE OF VISUAL DIAGNOSTICS IN CROP DECISION-MAKING
45.	Ana GUȚU, Victor ȚÎȚEI	BIOCHEMICAL COMPOSITION OF FRESH BIOMASS AND ILAGE FROM <i>Chenopodium album</i> AND <i>Amaranthus hypochondriacus</i> GROWN IN THE REPUBLIC OF MOLDOVA
46.	Mariana HANCZIG, Georgeta POP, Florin IMBREA, Diana OBIȘTIOIU, Alina NEACȘU, Anca HULEA, Ilinca IMBREA	COMPARATIVE ANALYSIS OF VEGETATIVE BIOMASS COMPONENTS IN <i>Origanum vulgare</i> L. DEPENDING ON THE PROCESSING METHOD
47.	Manuela HERMEZIU, Lorena ADAM, Sorina NIȚU, Andreea TICAN	EVALUATING THE CHLOROPHYLL CONTENT OF SOME POTATO VARIETIES LEAVES, AGRONOMIC FEATURES AND YIELD USING SPAD METER
48.	Denisa Cristiana HETEA, Simona NIȚĂ, Ștefan Laurențiu BĂTRÎNA, Ioana HÎNDA, Lucian Dumitru NIȚĂ, Florin IMBREA	EFFECTS OF NITRIC AND AMMONIACAL NITROGEN FERTILIZATION ON THE ZELENY SEDIMENTATION INDEX IN COMMON WHEAT ( <i>Triticum aestivum</i> L.)

No.	Authors	Paper Title
49.	Denisa Cristiana HETEA, Simona NIȚĂ, Ioana Alina HÎNDA, Ștefan Laurențiu BĂTRÎNA, Lucian BOTOȘ, Lucian NIȚĂ, Florin IMBREA	DIFFERENTIAL EFFECTS OF NITRIC AND AMMONIACAL NITROGEN FERTILIZATION REGIMES ON DRY GLUTEN ACCUMULATION IN BREAD WHEAT ( <i>Triticum aestivum</i> L.)
50.	Ioana-Alina HÎNDA, Simona NIȚĂ, Ilinca Merima IMBREA, Lucian NIȚĂ, Ștefan Laurențiu BĂTRÎNA, Lucian BOTOȘ, Florin IMBREA	EFFECTS OF AMMONIUM-BASED FERTILIZERS ON WINTER WHEAT YIELD AND GRAIN QUALITY
51.	Ioana-Alina HÎNDA, Florin IMBREA, Simona NIȚĂ, Lucian Dumitru NIȚĂ, Ștefan Laurențiu BĂTRÎNA, Lucian-Florin BOTOȘ, Denisa Cristiana HETEA	INFLUENCE OF NITROGEN FERTILIZATION AND PLANT DENSITY ON GRAIN SORGHUM YIELD AND QUALITY IN THE SOUTH-WESTERN BANAT REGION
52.	Hristiyana HRISTOVA, Nesho NESHEV	SURVEY ON INCREASING RATES OF THE HERBICIDE STRATOS ULTRA (100 G/L CYCLOXYDIM) ON YIELD AND GRAIN QUALITY OF DUO SYSTEM MAIZE HYBRIDS
53.	Ilinca Merima IMBREA, Georgeta POP, Simona NIȚĂ, Diana OBIȘTIOIU, Florin IMBREA, Ana-Mariana DINCU, Alina NEACȘU	EFFECTS OF MINERAL FERTILIZATION AND PLANT SPACING ON <i>Melissa officinalis</i> L. YIELD AND PREDICTIVE RELATIONSHIPS UNDER WESTERN ROMANIAN PEDOCLIMATIC CONDITIONS
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36.	Mala-Maria STAVRESCU- BEDIVAN, Gina VASILE SCĂEȚEANU, Roxana Maria MADJAR, Cristina-Florentina ALISTAR, Emilia Brîndușa SĂNDULESCU	PRELIMINARY ASSESSMENT OF THE WATER QUALITY AND LENGTH-WEIGHT RELATIONSHIP IN FISHES OF IALOMIȚA RIVER: A NOTE FROM FIERBINȚI-TÂRG
37.	Gabriel TĂNASIE, Nicolae DIMA, Larisa-Ofelia FILIP, Gabriel BĂDESCU, Mihail SUSINSKI, Cristian VASILE	INTEGRATED ASSESSMENT AND MONITORING OF MINING WASTE DEPOSITS IN ROMANIA: ENVIRONMENTAL RISKS AND SUSTAINABLE REMEDIATION APPROACHES
38.	Andreea TICAN, Manuela HERMEZIU, Mihaela CIOLOCA, Monica POPA	THE INFLUENCE OF HORMONAL COMBINATIONS WITH AUXINS ON POTATO VITRO PLANTS DEVELOPMENT

No.	Authors	Paper Title
39.	Victor ȚÎȚEI	THE BIOCHEMICAL COMPOSITION OF BIOMASS FROM INTERMEDIATE WHEATGRASS ( <i>Agropyron intermedium</i> ) AND POTENTIAL USES IN MOLDOVA
40.	Victor ȚÎȚEI	THE QUALITY OF PHYTOMASS FROM FENUGREEK <i>Trigonella foenum-graecum</i> IN THE REPUBLIC OF MOLDOVA
41.	Claudiu-Daniel UTOIU, Bogdan DRAGANCEA, Elena UTOIU, Mihai GÎDEA	SYNERGISTIC DIGITAL AND AGROECOLOGICAL TECHNOLOGIES FOR INTEGRATED WEED MANAGEMENT IN FIELD CROPS: A SYSTEMS-BASED APPROACH
42.	Evgeniya VALCHINOVA, Manol DESHEV, Gergana DESHEVA, Albena PENCHEVA, Bozhidar KYOSEV, Gordana PETROVIĆ	STUDY OF SENSITIVITY TO DIFFERENT CONCENTRATIONS OF KCL IN SAMPLES OF THE SPECIES <i>Aegilops geniculata</i> Roth
43.	Cerima ZAHIROVIC SINANOVIC, Bozidar BENKO, Nermina HASICEVIC, Zuhdija OMEROVIC, Emir BECIROVIC, Emina SIJAHOVIC	TURNING SHEEP WOOL INTO FERTILIZER: A SUSTAINABLE APPROACH FOR CABBAGE PRODUCTION
44.	Evgeniya ZHEKOVA, Svetlana STOYANOVA	STUDY OF SOME PHYSICAL PARAMETERS AND ENTOMOLOGICAL EVALUATION OF SEEDS OF COMMON WHEAT LINES



## Section 2

# HORTICULTURE

## SCIENTIFIC COMMITTEE OF THE SECTION 2 - HORTICULTURE

- Bekir Erol AK - University of Harran, Sanliurfa, Turkey
- Arina ANTOCE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
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- Dorin SUMEDREA - National Research and Development Institute for Biotechnology in Horticulture Stefanesti-Arges, Romania
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- Adrian ASĂNICĂ
- Liliana BĂDULESCU
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## SECTION 2 – HORTICULTURE

*Horticulture Section Chairman:*  
*Assoc. Prof. Dr. Adrian PETICILĂ*

*Horticulture Section Co-Chair:*  
*Prof. Dr. Adrian ASĂNICĂ*

*Horticulture Section Rapporteur:*  
*Prof. Dr. Liliana BĂDULESCU*

**Venue:**  
**University of Agronomic Sciences and Veterinary Medicine of Bucharest**  
**Horticulture Faculty**  
**Web:** <https://agricultureforlife.usamv.ro>; <https://www.horticultura-bucuresti.ro>

## DAY 1 – THURSDAY, JUNE 4

### *Horticulture Faculty*

14:00-15:00	<i>Opening session and KNS Paper Presentation</i>	<i>Horticulture Faculty, Aula “Nicolae Constantinescu”</i>
15:00-16:45	<i>Papers Presentation</i>	<i>Horticulture Faculty, Aula “Nicolae Constantinescu”</i>
16:45-18:00	<i>Coffee break - Posters display and viewing</i>	<i>Ground Floor, Main Hall</i>
19:00-21:30	<i>Official Gala Dinner - Cultural Event -</i>	<i>CERES Restaurant, USAMV Campus</i>

## DAY 2 – FRIDAY, JUNE 5

### *Horticulture Faculty*

08:00-09:00	<i>Arrival and registration of participants; Poster display</i>	<i>Ground Floor, Main Hall</i>
09:00-11:00	<i>Papers Presentation I</i>	<i>Horticulture Faculty, Aula “Nicolae Constantinescu”</i>
11:00-11:30	<i>Coffee break; Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
11:30-13:30	<i>Papers Presentations II</i>	<i>Horticulture Faculty, Aula “Nicolae Constantinescu”</i>
13:30-14:30	<i>Lunch</i>	<i>Ground Floor, Main Hall</i>
14:30-17:30	<i>Papers Presentations III</i>	<i>Horticulture Faculty, Aula “Nicolae Constantinescu”</i>
17:30-17:45	<i>Coffee break; Viewing posters and discussions</i>	<i>Ground Floor, Main Hall</i>
17:45-18:00	<i>Final discussions and conclusions</i>	<i>Horticulture Faculty, Aula “Nicolae Constantinescu”</i>

THURSDAY, 4<sup>th</sup> JUNE, 2026

## ORAL PAPER PRESENTATIONS

*Session Moderators:* Prof. Dr. Mihaela GEORGESCU  
Assoc. Prof. Dr. Claudia FABIAN  
Assoc. Prof. Dr. Adrian PETICILĂ

*Horticulture Faculty,  
Aula "Nicolae Constantinescu"*

14:00	<b>Opening Session</b>		
14:30	<b>KNS - Presentations</b>		
No	Time	Authors	Paper Title

1	14:30	Miljan CVETKOVIĆ, Biljana RABRENOVIĆ, Aleksandra ĆIRKOVIĆ, Jelisaveta Seka CVIJANOVIĆ, Danica SAVANOVIĆ, Dragana DABIĆ ZAGORAC, Maja NATIĆ	MORPHOMETRIC CHARACTERISTICS AND VALORIZATION OF <i>PRUNUS</i> <i>DOMESTICA</i> L. STONES
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### ORAL PAPER PRESENTATIONS

1	15:00	Arina Oana ANTOCE, George Adrian COJOCARU	SENSORY CHARACTERIZATION OF FERMENTED BEVERAGES PRODUCED FROM WHITE GRAPE MUST ENRICHED WITH CRUSHED ARONIA FRUIT
2	15:15	Stefanica OSTACI, Cristina SLABU, Alina Elena MARTA, Mihaela COVAȘĂ, Iulia MINEAȚĂ, Carmenica Doina JIȚĂREANU	THE ROLE OF ANTIOXIDANT ENZYMES IN SALINITY STRESS TOLERANCE OF BITTER CUCUMBER ( <i>MOMORDICA CHARANTIA</i> L.)

## ORAL PAPER PRESENTATIONS

3	15:30	Nikolaya VELCHEVA	LANDRACE ELECTRONIC CATALOGUE - <i>EX SITU/ON FARM</i> CONSERVATION, DOCUMENTATION AND MANAGEMENT
4	15:45	Mihaela PARASCHIV, Delia-Cristina CONSTANTIN	EFFECTS OF FOLIAR TREATMENTS WITH BIOSTIMULANTS BASED ON SEAWEED EXTRACT ON THE QUALITY AND LONG-TERM DURABILITY OF ROUND PEPPERS
5	16:00	Anamaria Mirabela DUMITRU, Alina Constantina FLOREA, Dorin Ioan SUMEDREA, Anca Petronela ONACHE, Daniel-Grigorie DINU	PHENOLOGICAL AND BIOCHEMICAL PERSPECTIVES ON GRAPEVINE GERMLASM VARIABILITY UNDER CURRENT CLIMATIC CONDITIONS
6	16:15	Ioana Cătălina PAICA, Alexandru PAICA, Florența-Elena HELEPCIUC, Cristina PETRIȘOR	PRETREATMENT OF SEEDS WITH <i>TRICHODERMA</i> STRAINS IMPROVES FORL RESISTANCE AND INDUCES THE EXPRESSION OF CHITINASE GENE IN TOMATO PLANTS
7	16:30	Ioana TUDORA, Alexandru AXINTE	FROM CANVAS TO URBAN IMAGE
	16:45- 18:00	<i>Coffee break - Posters display and viewing</i>	<i>Ground Floor, Main Hall</i>
	19:00- 21:30	<i>Official Gala Dinner- Cultural Event -</i>	<i>CERES Restaurant, USAMV Campus</i>

FRIDAY, 5<sup>th</sup> JUNE, 2026

## ORAL PAPER PRESENTATIONS

*Session Moderators:* Prof. Dr. Adrian ASĂNICĂ  
Prof. Dr. Liliana BĂDULESCU  
Assoc. Prof. Dr. Adrian PETICILĂ

*Horticulture Faculty,  
Aula "Nicolae Constantinescu"*

09:00- 11:00	PAPERS PRESENTATIONS I	Horticulture Faculty, Aula "Nicolae Constantinescu"
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No	Time	Authors	Paper Title
1.	09:00	Adrian ASĂNICĂ	CLIMATE FARM DEMO: FOCUS ON THE FARMER
2.	09:15	Cătălin DRAGOMIR	CLIMATE SMART ADVISORS & CLIMATE SMART RESEARCH-AKIS TRIANGLE
3.	09:30	Anca Maria CHIOREAN, Zsolt JAKAB- ILYEFALVI, Georgeta Maria GUZU, Claudiu MOLDOVAN, Adrian ASĂNICĂ	EVALUATION OF AGRONOMIC PERFORMANCE OF ARONIA SHRUBS UNDER THE IMPACT OF DIGITAL TECHNOLOGY INTEGRATION IN BISTRITA AREA
4.	09:45	Chris MALUMPHY, Mirela CEAN	UPDATE ON WHITEFLIES OF ROMANIA, INCLUDING TWO NEW SPECIES FOR THE ROMANIAN FAUNA (HEMIPTERA: ALEYRODIDAE)
5.	10:00	Mihaela IORDĂCHESCU, Maria OJOG, Anca Amalia UDRIȘTE, Liliana BĂDULESCU	DEVELOPMENT OF AN SSR-BASED PROTOCOL FOR THE IDENTIFICATION OF DUPLICATES AND SYNONYMS IN BLUEBERRY GERMPLASM COLLECTIONS

No	Time	Authors	Paper Title
6.	10:15	Maria-Doinița MUNTEAN, Liliana Lucia TOMOIAGĂ, Horia Silviu RĂCOARE, Alexandra Doina SÎRBU, Ioana Sorina GIURCĂ, Veronica Sanda CHEDEA, Maria COMȘA	CARBOHYDRATE RESERVES AND GRAPEVINE RESILIENCE UNDER CLIMATIC VARIABILITY: A TWO- YEAR STUDY FROM BLAJ VITICULTURAL CENTER
7.	10:30	Mihaela PARASCHIV, Delia- Cristina CONSTANTIN	EFFECTS OF FOLIAR TREATMENTS WITH BIOSTIMULANTS BASED ON SEAWEED EXTRACT ON THE QUALITY AND LONG-TERM DURABILITY OF ROUND PEPPERS
8.	10:45	Georgiana-Roxana NICOARA, Constantin-Ciprian BÎRSAN, Andreea CIOBOTĂ, Mihaela CIOBOTĂ, Minodora MANU	DISTRIBUTION AND ECOLOGY OF TULIPA SYLVESTRIS SUBSP. AUSTRALIS IN ROMANIA: A NATIONAL SYNTHESIS AND LOCAL CASE STUDY AT CRÂNG FOREST, BUZĂU COUNTY
	11:00- 11:30	<i>Coffee break</i> <i>Posters display and viewing</i>	<i>Ground Floor, Main Hall</i>
	11:30 13:30	PAPERS PRESENTATIONS II	<i>Horticulture Faculty,</i> <i>Aula "Nicolae Constantinescu"</i>
9.	11:30	Anca Amalia UDRISTE, Violeta Alexandra ION, Mihaela IORDĂCHESCU, Liliana BĂDULESCU, Sevin TEOMAN DURAN, Meryem İPEK, Dariusz GRZEBELUS	OPTIMIZATION OF TOTAL RNA EXTRACTION METHODS TO SUPPORT FLOWERING GENE EXPRESSION STUDIES IN CARROT
10.	11:45	Orsolya BORSAL, Lehel LUKÁCS, Adrian PETICILĂ, Viorel MITRE, Tincuța-Marta GOCAN, Cornel NEGRUȘIER, Ioana MOLDOVAN	THE EFFECT OF CULTIVATION SYSTEM ON THE GROWTH AND YIELD OF 'VERSAILLES' RASPBERRY

No	Time	Authors	Paper Title
11.	12:00	Ana Cornelia BUTCARU, Cosmin Alexandru MIHAI, Dan POTOR, Imad AL SUWAID, Ruxandra GOGOȚ, Alexandru BUCUR, Ioana MIHĂLCIOIU, Andrei TABACU, Rareș PÂNDARU, Emilia MOISESCU, Adriana MIHĂILESCU, Ana Maria TOMESCU, Adrian PETICILĂ, Mihaela GEORGESCU, Liliana BĂDULESCU, Adrian ASĂNICĂ, Florin STĂNICĂ	REALTIMEFRUIT: AN INTEGRATED AI- AND IOT-BASED SYSTEM FOR REAL-TIME PHENOLOGICAL MONITORING AND GROWTH-STAGE FORECASTING IN EXPERIMENTAL FRUIT ORCHARDS AT USAMV OF BUCHAREST
12.	12:15	Luminița Antonela ZAGRAI, Ioan ZAGRAI Georgeta Maria GUZU, Claudiu MOLDOVAN	NATURAL PLUM POX VIRUS INFECTION IN PLUM: FIVE-YEAR FIELD ASSESSMENT OF GENOTYPIC RESPONSE
13.	12:30	Marilena ONETE, Luiza-Silvia MIHAI, Simona MIHĂILESCU, John Owen MOUNTFORD, Minodora MANU, Roxana-Georgiana NICOARĂ	ASSESSING THE CONSERVATION STATUS OF CRAMBE TATARIA SEBEÓK IN ROMANIA: DISTRIBUTION PATTERNS AND POPULATION EVALUATION METHODS
14.	12:45	Cenap YILMAZ, Nazan KORKMAZ	POMOLOGICAL AND BIOCHEMICAL CHARACTERIZATION OF WILD POMEGRANATE ( <i>PUNICA GRANATUM</i> L.) GENOTYPES SELECTED FROM MUGLA PROVINCE IN TÜRKIYE
15.	13:00	Adelina VENIG, Ioan Bogdan PEȚ	IMPACT OF PRUNING PRACTICES ON PEACH YIELD, FRUIT QUALITY, AND NUTRITIONAL VALUE UNDER NORTH-WESTERN ROMANIAN CONDITIONS
16.	13:15	Bianca Eugenia LEOVEANU SOARE, Adrian PETICILĂ	WHITE CABBAGE CULTURE IN ROMANIA: STATUS, CHALLENGES, TRENDS, AND OPPORTUNITIES

13:30- 14:30      *Lunch*      *Ground Floor, Main Hall*

14:30- 17:30      PAPERS      *Horticulture Faculty,*  
PRESENTATIONS III      *Aula "Nicolae Constantinescu"*

No	Time	Authors	Paper Title
17.	14:30	Claudia BURLĂCIOIU, Ioana Mihaela GEORGESCU, Sorina PETRA, Florin TOMA	FLOWER AND FLOWERING PECULIARITIES OF SOME SALVIA SPECIES CULTIVATED IN ROMANIA
18.	14:45	Andreea Gabriela TRIF	FROM URBAN IMAGE TO URBAN LANDSCAPE VEGETATION AS A STRUCTURING ELEMENT OF PUBLIC SPACE
19.	15:00	Daniel RĂDUȚOIU	AREAL LIMIT ON THE ROMANIAN TERRITORY: HORDEUM BULBOSUM
20.	15.:15	Mariana LOZINSCHII, Lilia BRINZA, Nadejda MOCREAC, Liliana BADULESCU, Grigorii BATIRU	BIOTECHNOLOGIES FOR IN VITRO PROPAGATION OF <i>MENTHA</i> <i>PIPERITA</i> L.
21.	15:30	Ruxandra Stefania CONSTANTIN, Violeta Alexandra ION, Liliana BADULESCU, Florin TOMA	AROMATIC PROFILE AND ESSENTIAL OIL CONSTITUENTS OF FLOWERS AND BUDS OF FOUR POLIANTHES TUBEROSA L. CULTIVARS
22.	15:45	Alexandra-Maria GEORGESCU, Elena Maria DRĂGHICI, Lenuța CHIRA, Ligia ION	COMPARATIVE EVALUATION OF BIOMASS YIELD AND CHEMICAL COMPOSITION OF VOLATILE OILS IN ORIGANUM VULGARE L. UNDER CONVENTIONAL AND OPTIMIZED CULTIVATION TECHNOLOGIES
23.	16:00	Daniel RĂDUȚOIU, Daniela Mihaela MĂCEȘEANU, Marius FĂGĂRAȘ	QUANTITATIVE ANALYSIS OF HUMAN PRESSURE AND CLIMATE ARIDITY IN THE PESCEANA RIVER BASIN, SOUTHWEST OLTENIA, ROMANIA

No	Time	Authors	Paper Title
24.	16:15	Mariana GODOROJA, Wei PANG, Ecaterina COVACI	INFLUENCE OF ORGANIC FERTILIZATION WITH VITIVINICULTURAL BY-PRODUCTS ON VINE GROWTH AND FRUIT BEARING IN THE CODRU WINE-GROWING REGION
25.	16:30	Dina ELISOVETCAIA, Raisa IVANOVA, Elena LUTCAN, Ján BRINDZA	SECONDARY METABOLITES OF COMMON JUNIPER (JUNIPERUS COMMUNIS L.) SUITABLE FOR USE IN AGRICULTURE AND FOOD PRODUCTION. REVIEW
26.	16:45	Ramona FRUNZĂ, Mihaela HĂBEANU , Anca GHEORGHE	IMPACT OF REJUVENATION PRUNING ON MONILINIA SPP. INFECTION AND MULBERRY GROWTH
27.	17:00	Tatiana SCERBACOVA, Aurelia STINGACI	MICROBIOLOGICAL PREPARATIONS FOR PLANT PROTECTION IN MOLDOVA AND PROSPECTS FOR THEIR APPLICATION
28.	17:15	Nicoleta-Olimpia CIOARĂ (ANDREI), Amalia Carmen MITELUȚ	ADVANCES IN GREEN AND CONVENTIONAL EXTRACTION METHODS FOR PHYTOCHEMICALS IN HALOPHYTIC PLANTS
	17:30- 17:45	<i>Coffee break</i>	<i>Ground Floor, Main Hall</i>
	17:45- 18:00	<i>Final Discussions and Conclusions</i>	<i>Horticulture Faculty, Aula "Nicolae Constantinescu"</i>

# POSTER SESSION

## FRUIT GROWING

*Ground Floor, Main Hall*

No.	Authors	Paper Title
1.	Valerian BALAN, Maria PINTEA, Lilian TABÎRȚĂ	EVALUATION OF INTRODUCED PROTANDROUS WALNUT VARIETIES IN THE CENTRAL POMOLOGICAL ZONE OF THE REPUBLIC OF MOLDOVA
2.	Valerian BALAN, Inna BÎLICI, Ivan PLAMADEALA	OPTIMIZATION OF CROWN GEOMETRY PARAMETERS IN HIGH-DENSITY ORCHARDS
3.	Valerian BALAN, Inna BÎLICI, Vasile SARBAN, Stanislav RUSSU, Igor IVANOV	STUDY ON CULTIVATION SYSTEMS AND THE ESTABLISHMENT OF HIGH-YIELD CHERRY PLANTATIONS
4.	Inna BÎLICI, Valerian BALAN	FRUITING CHARACTERISTICS OF APPLE TREES IN INTENSIVE ORCHARDS AS INFLUENCED BY THE TRAINING AND PRUNING SYSTEM
5.	Loredana-Elisabeta CRETU (STELIAN), Beatrice Michaela IACOMI, Adrian Constantin ASĂNICĂ	INSIGHT INTO THE WALNUT ORCHARD: EVOLUTION AND PERFORMANCE OF 'FERNOR' VARIETY
6.	Loredana-Elisabeta CRETU (STELIAN), Beatrice Michaela IACOMI, Adrian Constantin ASĂNICĂ	THE INFLUENCE OF SOME NOVEL FERTILIZERS UPON THE SOIL MICROBIOME WITHIN A WALNUT ORCHARD
7.	Angel DIMITROV, Rumena GANDEVA, Plamen IVANOV, Vanya AKOVA, Kosta HRISTOV, Victorija NIKOLOVA, Stefan GANDEV	INFLUENCE OF THE TEMPERATURE DURING THE SCIONS' GROWTH ON THE PERCENTAGE OF GRAFT TAKE SUCCESS IN WALNUT PROPAGATION
8.	Penka FILYOVA, Vanya AKOVA, Irina STANEVA	QUALITY TRAITS OF SWEET CHERRY ( <i>PRUNUS AVIUM</i> L.): REGIONAL CHARACTERIZATION AND CULTIVAR DIFFERENCES IN PLOVDIV, BULGARIA

No.	Authors	Paper Title
9.	Diyan GEORGIEV, Tatyana BOZHANSKA, Maria GEORGIEVA, Minko ILIEV	GROWTH AND DEVELOPMENT OF SOME BLUEBERRY CULTIVARS UNDER MOUNTAIN CONDITIONS WITH NATURAL INTER-ROW GRASSING
10.	Daniela GERMANOVA, Diyana ALEKSANDROVA	INFLUENCE OF IRRIGATION REGIME ON THE DEVELOPMENT OF ANTHRACNOSE AND BACTERIAL BLIGHT IN WALNUT ( <i>JUGLANS REGIA</i> L.)
11.	Iuliana Elena GOLACHE, Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Sorina SÎRBU, Elena IUREA, Ionel PERJU	GROWTH PERFORMANCE AND PHENOLOGICAL RESPONSE OF SWEET CHERRY CULTIVARS GRAFTED ON SEVERAL ROOTSTOCKS UNDER NORTH-EASTERN ROMANIA PEDOCLIMATIC CONDITIONS
12.	Elena GRANCHAROVA, Blagoj ELENOV, Petya IVANOVA, Miladin NAZARKOV	YIELD, WATER USE EFFICIENCY, AND NUTRIENT USE EFFICIENCY OF GREENHOUSE WHITE STRAWBERRY CULTIVATED UNDER DIFFERENT IRRIGATION AND FERTIGATION REGIMES
13.	Monica HÂRȚA, Doina CLAPA, Claudiu Ioan BUNEA, Lehel LUKACS, Gabriela Maria ROMAN, Eugenia HÂRȘAN, Daniel Vasile AVRAM	GENETIC DIVERSITY ANALYSIS OF <i>CORYLUS AVELLANA</i> L. GENOTYPES USED FOR NEW VARIETY DEVELOPMENT
14.	Oana HERA, Monica STURZEANU, Mariana RĂDAC	IMPACT OF FERTILIZER TYPES ON VEGETATIVE GROWTH AND FRUIT QUALITY IN BLUEBERRY
15.	Nadya HRISTOVA, Daniela GERMANOVA, Georgi KORNOV	RESPONSE OF WALNUT TO INTEGRATED WATER SUPPLY STRATEGIES: GROWTH DYNAMICS AND PRODUCTIVITY
16.	Adina Floricica IANCU, Mădălina MILITARU, Sina COSMULESCU	THE INFLUENCE OF PARENTS ON PULP FIRMNESS AND KEEPING THE CAPACITY IN APPLE GENOTYPES
17.	Rada ISTRATE, Cristinel Relu ZALĂ, Mali-Sanda MANOLE	USE OF SEXUAL PHEROMONES IN THE CONTROL OF MICROLEPIDOPTERS IN FRUIT ORCHARDS
18.	Ogaga IVIAHWO	POULTRY AND THE EFFECT OF SOIL SCIENCE

No.	Authors	Paper Title
19.	Virgil-Dacian LALESCU, Antonela COZMA, Laura RĂDULESCU, Daniela Nicoleta SCEDEI, Ramona STEF, Maria RADA , Iasmina Madalina PETCULESCU, Alina-Maria ȚENCHE- CONSTANTINESCU, Ariana-Bianca VELCIOV	STATISTICAL ASSESSMENT OF ESSENTIAL TRACE ELEMENTS IN BILBERRY AND ROSEHIP FRUITS
20.	Ivona Cristina MAZILU, Emil CHITU, Mirela Florina CALINESCU, Aurelian Florin PLAIASU, Lavinia-Mihaela UDREA, Daniel ALEXANDRU	TRENDS IN LATE FROST DAMAGE PROBABILITY FOR PLUM AND SWEET CHERRY IN ROMANIA: A COMPARATIVE ANALYSIS OF 2013-2022 VS. 2000-2009
21.	Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Iuliana Elena GOLACHE, Sorina ȘÎRBU, Ionel PERJU	FRUIT QUALITY OF SOME SWEET CHERRY ( <i>PRUNUS AVIUM</i> L.) CULTIVARS IN THE CONDITIONS OF NORTH-EAST ROMANIA
22.	Cristina MOALE, Leinar SEPTAR, Ioan STOLI	THE INFLUENCE OF ECOLOGICAL TREATMENTS ON PEACH FRUIT QUALITY IN SOUTHEASTERN ROMANIA
23.	Marko PETEK, Karlo MILAK, Goran FRUK, Kristijan KONOPKA, Antun ŠOKEC, Mihaela ŠATVAR VRBANČIĆ, Mile MARKOSKI, Tomislav KARAŽIJA	STATUS OF NITROGEN AND MAGNESIUM IN APPLES ON THE CITY OF ZAGREB MARKET
24.	Ion Gabriel PICINISI, Mihai BOTU, Sorin CIULCA	FRUIT TRAITS VARIATION IN WILD POPULATIONS AND CULTIVATED GENOTYPES OF SWEET CHESTNUT
25.	Ananie PEȘTEANU	THE EFFECT OF PILARHANCE, SL GROWTH REGULATOR ON YIELD AND QUALITY OF SOUR CHERRY FRUITS
26.	Ananie PEȘTEANU	THE INFLUENCE OF BIOLOGICAL CHARACTERISTICS OF PLUM VARIETIES ON FRUIT PRODUCTION IN THE NORTHERN PART OF THE REPUBLIC OF MOLDOVA

No.	Authors	Paper Title
27.	Augustina PRUTEANU, Nicoleta VANGHELE, Andreea MATACHE, Mihaela NIȚU, Iuliana GĂGEANU	EVALUATION OF THE PRODUCTIVITY AND MORPHOMETRIC CHARACTERISTICS OF THE SIBERIAN BLUEBERRY FRUITS ( <i>LONICERA CAERULEA</i> L.)
28.	Sashka Savchovska SAVCHOVSKA, Rumena GANDEVA	ANALYSIS OF BIOMETRIC AND ECONOMIC INDICATORS IN TWO PEACH CULTIVARS ( <i>PRUNUS PERSICA</i> L.) – GLOUGHAVEN AND CRESTHAVEN
29.	Daniela Nicoleta SCEDEI, Olimpia IORDĂNESCU, Casiana MIHUȚ, Carmen DURĂU, Antoanela COZMA, Maria Mihaela MOATĂR, Carolina ȘTEFAN, Dacian LALESCU, Lucian DRAGOMIR, Adalbert OKROS	STATISTICAL EVALUATION OF BIOMETRIC AND PHYSICOCHEMICAL VARIABILITY IN THE FRUITS OF FIVE SWEET CHERRY CULTIVARS ( <i>PRUNUS AVIUM</i> L.)
30.	Leinar SEPTAR, Cristina MOALE, Ioan STOLI	LOCAL CLIMATIC REGIME: TEMPERATURE AND PRECIPITATION TRENDS IN THE CONTEXT OF GLOBAL WARMING
31.	Mario SRAKA, Stjepan HUSNJAK, Danijela JUNGIC, Ivan MAGDIĆ	SUITABILITY OF AGRICULTURAL LAND FOR OLIVE CULTIVATION IN PRIMORJE-GORSKI KOTAR COUNTY (CROATIA)
32.	Ioana Adelina STAN (ZOICAN), Silvia NICOLAE, Mădălina BUTAC, Dorel HOZA	FRUIT QUALITY OF SOME ROMANIAN SOUR CHERRY CULTIVARS
33.	Florin Daniel STAMIN, Sina Niculina COSMULESCU	ANALYSIS OF SOCIAL BEHAVIOUR IN THE CONTEXT OF VALORISATION OF FRUIT RESOURCES IN NATURAL ECOSYSTEMS
34.	Irina STANEVA, Vanya AKOVA, Rumena GANDEVA	RELATIONSHIPS BETWEEN THE MINERAL COMPOSITION OF FLOWERS AND LEAVES IN THREE PEACH CULTIVARS
35.	Mariya STOYANOVA, Miroslava VALKOVA, Elena GRANCHAROVA, Teodora MIHOVA	FURTHER STUDIES ON THE DAMAGES ON <i>FRAGARIA ANANASSA</i> VAR. 'SNOW WHITE' CAUSED BY <i>ERWINIA AMYLOVORA</i> AND APPLICATION OF CHAENOMELES PLANT EXTRACT FOR REDUCTION OF SYMPTOMS

No.	Authors	Paper Title
36.	Monica STURZEANU, Oana HERA	GENETIC DIVERSITY, HERITABILITY, AND HETEROSIS ESTIMATION IN F1 STRAWBERRY HYBRIDS
37.	Irina TITIRICĂ, Florentina NETCU, Milica DIMA, Aurelia DIACONU, Stefan NANU, Felicia-Constantina FRATUȚU, Marilena Viorica HOVANET	THE STUDY OF SOME CHOKEBERRY GENOTYPES IN THE CONDITIONS OF SOUTHWESTERN ROMANIA
38.	Oana-Mihaela TOMA, Ion MITREA	COMPARATIVE EFFICACY OF CONVENTIONAL AND BIOLOGICAL INSECTICIDES AGAINST <i>DROSOPHILA SUZUKII</i> IN ROMANIAN RASPBERRY SYSTEMS
39.	Daniel Florin ȚONE, Cecilia BOLBOSE, Roxana HOROIAȘ, Cezarina NECULA	IDENTIFYING THE IMPORTANCE OF APPLE VARIETIES RESISTANT TO THE ATTACK OF THE MAIN PHYTOPATHOGENS ON THE ECOLOGICAL FOOTPRINT - A REVIEW
40.	Nicoleta Alexandra VANGHELE, Augustina PRUTEANU, Andreea MATACHE	YIELD OF RASPBERRY CROP IN ORGANIC FARMING IN THE FIRST THREE YEARS AFTER ITS ESTABLISHMENT
41.	Elena Andreea VOCHIN (DUMITRESCU), Valentina ISAC	MICROBIAL CONTAMINATION IN PLANT TISSUE CULTURE - A REVIEW
42.	Yonko YONCEV, Diyana ALEKSANDROVA, Snezhana MILUSHEVA, Gancho PASEV, Yanisa ILIEVA, Antoniya NACHEVA	SEROLOGICAL DETECTION OF <i>CAPILOVIRUS MALI</i> (APPLE STEM GROOVING VIRUS) IN PERSIAN WALNUT ( <i>JUGLANS REGIA</i> L.)

# POSTER SESSION

## VITICULTURE AND OENOLOGY

No.	Authors	Paper Title
1.	Géza BALLA, Zsolt SZEKELY-VARGA, Endre KENTELKY	THE IMPACT OF CLIMATE CHANGE ON THE NOBLE ROT FORMATION OF THE KADARKA RED GRAPE VARIETY IN THE MINIȘ (MÉNES) WINE REGION
2.	Maria-Florentina BĂJENARU, Aurelia DIACONU, Ștefan NANU, Alina-Nicoleta PARASCHIV, Maria-Diana ILINA, Ana-Maria STOENESCU, Nicolae GIUGEA	PRELIMINARY EVALUATION OF THE PERFORMANCE OF SOME LOCAL GRAPEVINE GENOTYPES UNDER THE PEDOCLIMATIC CONDITIONS OF DĂBULENI RDSPCSS
3.	Constantina CHIRECEANU, Andrei TEODORU, Ionica DINA, Ruxandra STOICA, Bogdan RADU	COMPARATIVE STUDY OF <i>AUCHENORRHYNCHA</i> SPECIES ASSOCIATED WITH DEALU MARE AND MURFATLAR VINEYARDS IN ROMANIA
4.	Daniela Doloris CICHI, Ramona CAPRUCIU, Felicia STOICA, Mihai CICHI, Dorin Constantin COSTEA	SUITABILITY OF SOME <i>V. VINIFERA</i> VARIETIES AND CLONES IN THE CURRENT CLIMATIC CONTEXT OF SOUTHWESTERN ROMANIA
5.	Mihaela CIOATĂ, Miha BOTU, Aurora RANCA, Victoria ARTEM, Traian Ștefan COSMA, Traian Ciprian STROE, Anamaria TĂNASE	TESTING ALTERNATIVE METHODS FOR THE PRODUCTION OF HIGH-QUALITY GRAFTED VINES UNDER THE CONDITIONS OF THE MURFATLAR VINEYARD
6.	Cristina-Magdalena CIOBOTEA, Andreea Diana GEALAPU, Claudia NICOLA, Andreea Elena MANOLESCU, Daniel Grigorie DINU	RESEARCH ON THE TECHNOLOGICAL CHARACTERISTICS OF SOME SELECTED CLONAL ELITES FROM TWO POPULATIONS OF TABLE GRAPE VARIETIES IN THE CONDITIONS OF THE STEFANESTI ARGES VITICULTURAL CENTER

No.	Authors	Paper Title
7.	Ionica DINA, Ayar Sergiu ENE, Victoria ARTEM, Anamaria TANASE, Traian Stefan COSMA, Grigore Valentin BELENIUC, Traian Ciprian STROE	IMPACT OF UNFAVORABLE CLIMATIC CONDITIONS IN 2025 ON CERTAIN TABLE GRAPEVINE GENOTYPES FROM THE MURFATLAR VITICULTURAL CENTER
8.	Alin Ionel DOBREI, Eleonora NISTOR, Florin SALA, Dragoș CONSTANTINESCU, Daniela DOBROMIR, Mihaela MĂLĂESCU, Alina Georgeta DOBREI	CLIMATE INFLUENCE ON QUALITY PARAMETERS OF GRAPES, WINE, AND ECONOMIC PERFORMANCE IN FETEASCĂ NEAGRĂ
9.	Anca Aneta DRAGUNESCU, Florin SALA	PRODUCTIVITY ELEMENTS AND QUALITY INDICES IN SOME RED WINES GRAPE VARIETIES - COMPARATIVE STUDY
10.	Vasile Răzvan FILIMON, Roxana Mihaela FILIMON, Rodica PAȘA, Gabi ZALDEA, Ancuța NECHITA, Lulu-Cătălin ALEXANDRU, Simona Isabela DUNCA, Georgeta Mihaela BUCUR	THE IMPACT OF COVER CROPS SOWN BETWEEN GRAPEVINE ROWS ON SOIL MOISTURE AND BIOLOGICAL ACTIVITY
11.	Marian ION, Liliana PÎRCĂLABU, Cristian BURLACU	INTEGRATED ASSESSMENT OF WATER STRESS IN TABLE GRAPE VINES: PHYSIOLOGICAL, BIOMETRIC, AND SATELLITE INDICATORS, AND THE IMPACT OF IRRIGATION ON YIELD AND HARVEST QUALITY
12.	Tomislav KARAŽIJA, Lara BOGDAN, Domagoj STUPIĆ, Kristijan KONOPKA, Antun ŠOKEC, Mihaela ŠATVAR VRBANČIĆ, Marko PETEK	EFFECTS OF ANTI-HAIL NETS ON LEAF MINERAL COMPOSITION AND MUST QUALITY OF RIESLING ITALICO ( <i>VITIS VINIFERA</i> L.)
13.	Andreea MANOLESCU, Anamaria DUMITRU, Alina FLOREA, Daniel DINU	GRAPEVINE PHENOLOGICAL RESPONSES TO INTERANNUAL CLIMATIC VARIABILITY

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14.	Mihaela MĂLĂESCU, Alin DOBREI, Eleonora NISTOR, Alina Georgeta DOBREI, Daniela POȘTA, Giancarla VELICEVICI, Iuliana CREȚESCU, Daniela DOBROMIR	COMPARATIVE ANALYSIS OF THE 'ITALIAN RIESLING' AND 'FETESCA REGALĂ' VARIETIES BEHAVIOR IN THE MINIȘ - MĂDERAT VINEYARD
15.	Eleonora NISTOR, Alina Georgeta DOBREI, Mihaela MĂLĂESCU, Dragos CONSTANTINESCU, Gabriel CIORICA, Alin DOBREI	MORPHOLOGICAL AND FUNCTIONAL DIVERSITY OF TENDRIL IN WINE GRAPEVINE CULTIVARS
16.	Petronela Anca ONACHE, Irina Elisabeta GEANĂ, Corina Teodora CIUCURE, Dorin Ioan SUMEDREA, Alina FLOREA, Stan BONTEA, Victoria ARTEM, Ovidiu TIȚA, Negruta MIRCEA	THE CHARACTERIZATION OF PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY OF POMACE EXTRACT AND FORTIFIED ROMANIAN WINES WITH POMACE EXTRACT
17.	Liliana PÎRCĂLABU, Marian ION, Steliana BARBU, Georgeta TUDOR, Catalina PANTAZI, Alexandra BUCUR	SOIL MANAGEMENT PRACTICES AND THEIR ROLE IN ENHANCING THE RESILIENCE OF VITICULTURE TO CLIMATE CHANGE IN THE VALEA CĂLUGĂREASCĂ VITICULTURAL CENTER
18.	Liliana PÎRCĂLABU, Cristian BURLACU, Marian ION	THE EFFECT OF SHADING DETERMINED BY PHOTOVOLTAIC PANELS INSTALLED ABOVE THE VINES ON THE PERFORMANCE OF SAUVIGNON VARIETY IN THE WINE-GROWING URLATI-CEPTURA CENTER
19.	Anelia POPOVA, Ludmil ANGELOV, Veselin IVANOV	BUNCH THINNING AND ITS EFFECT ON WINE QUALITY IN SYRAH VARIETY CLONES
20.	Marioara PUȘCALĂU, Ionica BOSOI, Alina Camelia DÎRLOMAN	STUDY ON THE CARBOHYDRATE RESERVE OF SOME ROMANIAN ANCESTRAL VINE CULTIVARS IN ODOBEȘTI VINEYARD, VRANCEA COUNTY

No.	Authors	Paper Title
21.	Aleksandar SAVIĆ, Tatjana JOVANOVIĆ- CVETKOVIĆ, Miljan CVETKOVIĆ, Rada GRBIĆ, Ljiljana TOPALIĆ-TRIVUNOVIĆ, Ana VELEMIR, Anđela BUJIĆ	THE INFLUENCE OF MACERATION DURATION AND TEMPERATURE ON THE CHARACTERISTICS OF BLACKBERRY WINE
22.	Marinela STROE, Ioana Cătălina NICOLAE	STUDY ON THE MICROMORPHOLOGICAL CHARACTERISTICS OF POLLEN GRAINS IN SOME TABLE GRAPEVINE CULTIVARS ( <i>VITIS VINIFERA</i> L.)
23.	Anamaria TĂNASE, Aurora RANCA, Traian Ștefan COSMA, Ionica DINA, Ayar-Sergiu ENE, Mihaela CIOATA, Ancuta NECHITA, Cristina CIOBOTEA, Traian Ciprian STROE	PERFORMANCE OF SELECTED CLONAL ELITES FROM POPULATIONS OF THE CULTIVARS 'PERLETTE', 'PAULA', AND 'CENTENNIAL SEEDLESS' UNDER THE CONDITIONS OF THREE ROMANIAN VITICULTURAL AREAS
24.	Ion Bogdan TRUȘCĂ, Sergiu Ștefan GORJAN, Raluca Iuliana POPESCU	TECHNOLOGICAL LINKS FOR INCREASING YIELD IN GRAFTED VINES
25.	Giancarla VELICEVICI, Adriana CIULCA, Sorin CIULCA, Mihaela MĂLĂESCU, Camelia TULCAN, Roberta TRIPON, Carmen BEINSAN, Iuliana CRETESCU	PHYTOCHEMICAL COMPOSITION (TOTAL POLYPHENOLS AND FLAVONOIDS) OF HYDROALCOHOLIC EXTRACTS FROM <i>VITIS VINIFERA</i> L. CV. CABERNET SAUVIGNON
26.	Diana Elena VIZITIU, Ionuț ȘANDRIC, Alin Gheorghiuță MAZĂRE, Ionela-Cătălina GUȚĂ, Elena-Cocuța BUCIUMEANU, Ionela-Daniela SĂRDĂRESCU	DIVERSITY AND SPREAD OF TABLE GRAPE VARIETIES ON A GLOBAL SCALE

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## VEGETABLE GROWING

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1.	Ovidia Loredana AGAPIE, Elena BARCANU-TUDOR, Ion GHERASE, Auraș NIȚĂ, Alexandru TOADER, Emilian MIREA	INTERACTION OF ABIOTIC AND BIOTIC STRESS ON PHOTOSYNTHETIC EFFICIENCY AND YIELD IN FABA BEAN ( <i>VICIA FABA</i> L.)
2.	Alexandru APAHIDEAN, Rodica SIMA, Mariana BEL, Gheorghita HOZA, Gabriel TELIBAN, Orsolya NEGRUȘIER	INFLUENCE OF FERTILIZATION REGIMES ON YIELD, BIOACTIVE COMPOUNDS, AND NITRATE CONTENT OF BROCCOLI GROWN UNDER PROTECTED CULTIVATION
3.	Dan Ioan AVASILOAIEI, Mariana CALARA, Claudia BĂLĂIȚĂ, Tina Oana CRISTEA, Andreea-Beatrice IGNAT, Carmina Mihaela BENCHEA, Gabriel Alin IOSOB	MODULATION OF GROWTH AND STRESS-RELATED PHYSIOLOGY IN ROUND PEPPER ( <i>CAPSICUM ANNUUM</i> L.) SEEDLINGS VIA OPTIMIZED FERTILIZATION
4.	Claudia BĂLĂIȚĂ, Tina Oana CRISTEA, Andreea ANTAL TREMURICI, Mariana CALARA, Gabriel-Alin IOSOB, Milian GURĂU, Elena Maria DRĂGHICI, Petre Marian BREZEANU	INVASIVE AND POTENTIALLY INVASIVE SPECIES IN VEGETABLE CROPPING SYSTEMS OF NORTHEASTERN ROMANIA
5.	Elena BARCANU, Ovidia AGAPIE, Ion GHERASE, Vasilica MANEA	INTEGRATED BIOCONTROL APPROACHES FOR ROOT-KNOT NEMATODES IN BITTER GOURD CULTIVATION
6.	Alexandra BECHERESCU, Gheorghita HOZA, Mihai San George BUNA, Florin SALA	PRODUCTIVITY ELEMENTS, YIELD, AND QUALITY INDICES IN TOMATOES AS A RESULT OF 'GENOTYPE×FERTILIZER' INTERACTION

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7.	Mihaela Carmina BENCHEA, Dan Ioan AVASILOAIEI, Mariana CALARA, Claudia BĂLĂIȚĂ, Creola BREZEANU, Petre Marian BREZEANU	GENETIC RESOURCES AND BREEDING STRATEGIES FOR SUSTAINABLE IMPROVEMENT OF EGGPLANT ( <i>SOLANUM MELONGENA</i> L.) A REVIEW
8.	Camelia BRATU, Costel VINATORU, Bianca MUȘAT, Geanina NEGOȘANU, Matilda POPESCU	AGRO-MORPHOLOGICAL CHARACTERIZATION OF A NEW GENOTYPE OF <i>SATUREJA HORTENSIS</i> IMPROVED AT BRGV BUZĂU
9.	Creola BREZEANU, Silvica AMBARUȘ, Andreea ANTAL TREMURICI, Mariana CALARA, Claudia BĂLĂIȚĂ, Carmina BENCHEA, Petre Marian BREZEANU	DOCUMENTATION AND ASSESSMENT OF GENETIC DIVERSITY IN BASIL ( <i>OCIMUM BASILICUM</i> L.) THROUGH MORPHOLOGICAL, YIELD, AND LEAF COLOR ANALYSIS
10.	Petre Marian BREZEANU, Silvica AMBARUȘ, Tina Oana CRISTEA, Dan Ioan AVASILOAIEI, Gabriel Alin IOSOB, Creola BREZEANU	LEG(O)NEST - OPTIMIZING THE VEGETABLE AGRI-FOOD SYSTEM THROUGH THE BROAD APPLICATION OF RESEARCH AND DEVELOPMENT RESULTS TO STRENGTHEN FARMERS' COMPETENCIES
11.	Mariana CALARA, Dan Ioan AVASILOAIEI, Petre Marian BREZEANU, Creola BREZEANU, Carmina Mihaela BENCHEA, Claudia BALAITA, Andreea ANTAL TREMURICI	WEED CONTROL IN TOMATO CROP USING ALLELOPATHIC SPECIES UNDER CONVENTIONAL AND ECOLOGICAL SYSTEMS
12.	Alexandra Bianca CERNICĂ, Rodica SOARE	PRODUCTION PRACTICES AND USES AT SAFFRON: A MINI REVIEW
13.	Mihaela CIOLOCA, Andreea TICAN, Monica POPA, Aurelia DIACONU, Reta DRAGHICI, Alina PARASCHIV	<i>IN VITRO</i> EVOLUTION OF SOME SWEET POTATO ( <i>IPOMOEA BATATAS</i> [L.] LAM) GENOTYPES UNDER THE INFLUENCE OF DIFFERENT PLANT GROWTH REGULATORS (AUXINS AND CYTOKININS)

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14.	Doina CLAPA, Monica HĂRȚA, Ana Maria RADOMIR, Adrian PETICILĂ, Dorin Ioan SUMEDREA	<i>IN VITRO</i> CULTURE, ACCLIMATIZATION, AND BIOCHEMICAL TRAITS OF <i>HYPERICUM</i> <i>PERFORATUM</i> L.
15.	Ileana COSTACHE , Mihaela PARASCHIV , Gicuța SBÎRCIOG, Viorica LAGUNOVSKI-LUCHIAN	CLIMATE CHANGE AND TOMATO CULTIVATION: RISKS, CHALLENGES, AND SOLUTIONS
16.	Gheorghe COTEȚ, Alina-Nicoleta PARASCHIV, Aurelia DIACONU, Ștefan NANU, Milica DIMA, Maria-Florentina ȘTEFAN	RESEARCH ON THE IDENTIFICATION OF THE NEW IDEOTYPE OF POTATO, COMPETITIVE IN THE AGRICULTURAL SECTOR IN SOUTHERN OLTENIA
17.	Antoanela COZMA, Casiana MIHUT, Carmen DURAU, Ariana VELCIOV, Laura RADULESCU, Iasmina PETCULESCU, Daniela SCEDEI, Ersilia ALEXA, Ramona STEF, Dacian LALESCU, Maria RADA	ESSENTIAL MINERAL COMPOSITION OF RED ONION ( <i>ALLIUM CEPA</i> L.) AS A HORTICULTURAL FOOD PRODUCT AND THE IMPLICATIONS FOR HUMAN NUTRITION
18.	Felicia-Constantina FRĂTUȚU, Loredana-Mirela SFÎRLOAGĂ, Ștefan NANU, Maria-Diana ILINA	THE BEHAVIOR OF 'VALIN 24 'PUMPKIN CULTIVAR IN THE PEDOCLIMATIC CONDITIONS OF SANDY SOILS FROM DĂBULENI RDSPCSS
19.	Roxana Ioana GABOR ILIESCU, Marian VELCEA, Ovidiu JERCA, Tong YUXIN, Adrian PETICILĂ, Elena Maria DRĂGHICI	IMPACT ASSESSMENT OF PASSIVE ELECTROMAGNETIC DEVICES ON THE GROWTH PERFORMANCE OF SELECTED LETTUCE VARIETIES
20.	Luminița GĂITĂNARU, Costel VÎNĂTORU, Elena Maria DRĂGHICI	ASSESSMENT OF CLIMATIC EFFECTS ON SEED GERMINATION IN DIVERSE VARIETIES OF EDIBLE AMARANTH
21.	Florența-Elena HELEPCIUC, Matilda CIUCĂ, Florentina ALDEA, Ioana Cătălina PAICA, Monica Elena MITOI	SYSTEMIC GENE EXPRESSION OF DEFENSE- RELATED ENZYMES INDUCED BY PLANT GROWTH-PROMOTING RHYZOBACTERIA

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22.	Simona-Stefania HOGEA, Ana-Emilia CENUSA, Marcel COSTACHE, Petruta Calina CORNEA	METHODS FOR MANAGING THE PEST <i>TUTA ABSOLUTA</i> MEYRICK IN TOMATO CROPS IN GREENHOUSE
23.	Gabriel-Alin IOSOB, Tina Oana CRISTEA, Marian BREZEANU, Claudia BĂLĂIȚĂ, Andreea ANTAL-TREMURICI, Carmina BENCHEA, Dan Ioan AVASILOAIEI	EVALUATION OF OPTIMAL ACETYLSALICYLIC ACID CONCENTRATIONS FOR INDUCING SYSTEMIC RESISTANCE IN CABBAGE PLANTS AGAINST PESTS AND PATHOGENS
24.	Claudia-Sorina LUNGU, Matilda POPESCU, Costel VINATORU, Viorica LAGUNOVSKI-LUCHIAN	THE PHENOTYPIC CHARACTERISTICS OF DIFFERENT VARIETIES OF <i>LUFFA</i> SPP. IN THE COLLECTION AT BRGV BUZAU
25.	Paul-Cristian MAXIM, Teodor RUSU, Alexandru Ioan APAHIDEAN, Paula MORARU, Adrian POP	THE INFLUENCE OF ELECTRIC AND MAGNETIC FIELD TREATMENTS OF SOIL AND SEEDS ON PEPPER'S GERMINATION
26.	Nadejda MIHNEA, Galina LUPASCU	EFFECTS OF HIGH TEMPERATURE ON GROWTH CHARACTERISTICS IN TOMATOES
27.	Bianca MUȘAT, Costel VÎNĂTORU, Camelia BRATU, Matilda POPESCU, Geanina NEGOȘANU	PHENOTYPIC DESCRIPTION OF <i>VIGNA UNGUICULATA</i> SUBSP. <i>SESQUIPEDALIS</i> ACCESSIONS AT BRGV BUZĂU
28.	Valko NESHEV, Nikolaya VELCHEVA, Gergana DESHEVA	APPLYING MARVIN SEED ANALYZER FOR PHENOTYPIC CHARACTERIZATION OF COMMON BEAN COLLECTION
29.	Cristina Maria PĂUNEL, Rodica SOARE, Maria DINU	VARIABILITY OF SOME MORPHOLOGICAL AND PRODUCTION CHARACTERS IN TOMATO HYBRIDS GROWN IN GREENHOUSES

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30.	Georgeta Sofia POPESCU, Maria STANCIUGELU, Patricia TARKANYI, Manuel Ovidiu AMZOIU, Emilia AMZOIU, Lia Sanda ROTARIU, Emilia AMZOIU, Antoanela COZMA, Anisoara IENCIU, Despina Maria BORDEAN	PHYSICOCHEMICAL CHARACTERIZATION AND ANTIOXIDANT ACTIVITY OF DIFFERENT ONION VARIETIES ( <i>ALLIUM CEPA</i> L.)
31.	Ionela Filona RĂDUCU, Elena Maria DRĂGHICI	STUDY ON THE IDENTIFICATION OF CUCUMBER VARIETIES DEVELOPED IN ROMANIA
32.	Vladimir ROTARU, Vladimir TODIRAȘ	ECOLOGICAL MANAGEMENT OF DOWNY MILDEW OF <i>CUCUMIS SATIVUS</i> BY APPLICATION OF <i>DIPOTASSIUM PHOSPHATE</i> , NEEM OIL AND SULPHUR
33.	Sanda PÎRVU, Beatrice IACOMI, Elena Maria DRĂGHICI	IMPACT OF FERTILIZATION ON THE GROWTH OF LETTUCE SEEDLINGS ( <i>LACTUCA SATIVA</i> L.)
34.	Rodica SOARE, Maria DINU, Marin SOARE	STUDY OF THE VARIABILITY OF MORPHOLOGICAL AND PRODUCTION CHARACTERS IN SOME <i>VICIA FABA</i> L. GENOTYPES
35.	Gabriela ȘOVAREL, Simona-Stefania HOGEA	INTEGRATED DISEASE AND PEST CONTROL TECHNOLOGY IN PEPPER: CONVENTIONAL AND BIOLOGICAL SYSTEMS
36.	Eliza TEODORESCU, Vasilica MANEA	EVALUATION OF UNSTABLE PHENOTYPIC COMMON BEAN SEEDS: A CASE STUDY
37.	Eliza TEODORESCU, Emilian MIREA	MORPHOLOGICAL EVALUATION OF WHITE DWARF BEAN SEEDS FROM VRDS ROMANIA
38.	Andreea TICAN, Mihaela CIOLOCA, Monica POPA	RESEARCH ON THE INFLUENCE OF VARIETY AND GROWING SUBSTRATE ON DEVELOPMENT OF POTATO PLANTS AND ON MINITUBERIZATION

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39.	Ariana-Bianca VELCIOV, Maria RADA, Antoanela COZMA, Ersilia-Călina ALEXA, Georgeta-Sofia POPESCU, Daniela STOIN, Laura RĂDULESCU, Mariana-Atena POIANA, Corina-Iuliana MEGYESI, Iasmina-Mădălina PETCULESCU, Virgil-Dacian LALESCU	PRELIMINARY STUDY ON THE NUTRITIONAL PROFILE OF ORANGE- FLESHED SWEET POTATOES ( <i>IPOMOEA BATATAS</i> )
40.	Costel VÎNATORU, Geanina NEGOSANU, Matilda POPESCU, Bianca MUȘAT, Camelia BRATU, Adrian PETICILĂ	EVALUATION OF THE PRODUCTION POTENTIAL IN THE COMPARATIVE CROP OF THE DANUBIUS GARLIC VARIETY REGISTERED AT BRGV BUZĂU
41.	Anamaria CIUBOTARITA, Alexandra UNGUREANU, Joaquin GONZALES, Cătălina VACARU, Teodor STAN, Alexandru COJOCARU, Mihaela ROȘCA, Vasile STOLERU	COMPARATIVE EVALUATION OF EGGPLANT PLANT ESTABLISHMENT METHODS: CASE STUDY ON MIRVAL AND BLACK PEARL HYBRIDS
42.	Raluca CHIRITA, Maria APOSTOL, Gabriel-Ciprian TELIBAN, Teodor STAN, Mihaela ROȘCA, Vasile STOLERU	MORPHOLOGICAL ADAPTATIONS OF CHENOPODIUM QUINOA'S ROOTS UNDER STRESS DURING VEGETATIVE DEVELOPMENT

## POSTER SESSION

### FLORICULTURE, ORNAMENTAL PLANTS, DESIGN AND LANDSCAPE ARCHITECTURE

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1.	Florentina ALDEA, Monica-Elena MITOI, Alexandra CIOCAN, Florența-Elena HELEPCIUC	INFLUENCE OF SUBSTRATE TYPE ON THE GROWTH OF <i>OSMUNDA REGALIS</i> L. SPOROPHYTES UNDER GREENHOUSE CONDITIONS
2.	Abel BALA, Monica HARTA, Doina CLAPA, Adrian PETICILA, Mirela Irina CORDEA	MORPHOLOGICAL AND MOLECULAR MARKERS AS TOOLS FOR EVALUATING GENETIC VARIABILITY IN PAEONIA
3.	Roberto Renato BERNARDIS, Tatiana SANDU, Roxana PAȘCU, Cristina ZLATI, Daniela Sabina POȘTA, Daniel Costel GALEȘ	DESIGNING AND LANDSCAPING OF A SUSTAINABLE PRIVATE GARDEN USING NATIVE SPECIES
4.	Alina BOGDAN	KEY ASPECTS OF THE INTRODUCTION OF VARIOUS <i>CLINOPODIUM</i> L. SPECIES IN THE BOTANICAL GARDEN
5.	Claudia BURLĂCIOIU, Ioana Mihaela GEORGESCU, Sorina PETRA, Florin TOMA	FLOWER MORPHOLOGY AND FLOWERING IN SOME SPECIES OF THE GENUS <i>SALVIA</i> IN THE SPONTANEOUS FLORA OF ROMANIA
6.	Mirela COJOCARIU, Maria-Alexandra CREANGĂ, Elena-Liliana CHELARIU, Ana-Maria-Roxana ISTRATE	ENHANCING SCHOOL GARDENS THROUGH SPATIAL ORGANIZATION AND GREEN DESIGN
7.	Mirela COJOCARIU, Elena CHIHAIA, Elena-Liliana CHELARIU	INDOOR THERAPEUTIC GARDENS AS SUPPORTIVE ELEMENTS IN HEALTHCARE ENVIRONMENTS
8.	Razvan COJOCARU, Silvius STANCIU	RESEARCH ON THE EVOLUTION OF URBAN GREEN SPACES IN ROMANIA (2019-2025)
9.	Maricica COLTUN, Alina BOGDAN	INTEGRATED ANALYSIS OF MORPHOLOGICAL, PHYTOCHEMICAL AND TECHNOLOGICAL CHARACTERISTICS OF TAXONS OF THE GENUS <i>LAVANDULA</i> L., WITH REFERENCE TO THE CULTIVAR 'LAVINIE DE GRĂDINĂ'

No	Authors	Paper Title
10.	Otilia COTUNA, Mirela PARASCHIVU, Veronica SARATEANU, Alina Maria SURDULESCU, Ramona STEF	CARULASPIS JUNIPERI (BOUCHÉ) (DIASPIDIDAE: CARULASPIS), PEST OF THUJA FROM TIMIȘ COUNTY - CASE STUDY
11.	Otilia COTUNA, Mirela PARASCHIVU, Veronica SARATEANU, Dragoslav Vlad MIRCOV, Cristina GHIORGHE	STUDY REGARDING THE IDENTIFICATION OF THE FUNGUS <i>PESTALOTIOPSIS FUNEREA</i> (DESM.) STEYAERT ON THUJA FROM TIMIS AREA, ROMANIA - CASE STUDY
12.	Ricuța Vasilica DOBRINOIU	RESEARCH ON THE SUITABILITY OF THE SPECIES <i>PHYLLOSTACHYS PUBESCENS</i> FOR AIR LAYERING PROPAGATION
13.	Marius GRUIA	USING GIS IN LANDSCAPING. A CASE STUDY IN CRAIOVA
14.	Manuela MANDA, Carmen NICU	GROWTH AND FLOWERING RESPONSES OF <i>HYDRANGEA MACROPHYLLA</i> SM. TO BIOFERTILIZER AND BIOSTIMULANT TREATMENTS
15.	Cristina Rodica MANESCU, Elisabeta DOBRESCU	EDIBLE WOODY SPECIES IN SOME GREEN AREAS OF BUCHAREST
16.	Cristina Rodica MANESCU, Elisabeta DOBRESCU, Mihaela Ioana GEORGESCU	SPECIES BIODIVERSITY AND VEGETAL COMPOSITION IN A CAMPSITE FOR CHILDREN WITH AUTISM
17.	Emilian MIREA, Toma DUMITRU MITEL, Burnichi FLOAREA, Toma FLORIN	EFFECTS OF BASIL ( <i>OCIMUM BASILICUM</i> L.) INFUSION USED AS IRRIGATION WATER ON VEGETATIVE GROWTH OF TUBEROSE ( <i>POLIANTHES TUBEROSA</i> L.)
18.	Ioana MOLDOVAN, Orsolya BORSAL, Constantin TOADER, Lavinia MOLDOVAN, Maria CANTOR, Lehel LUKACS, Cornel NEGRUSIER	THE INFLUENCE OF ROOTING SUBSTRATE AND BIOSTIMULATORS ON ROOTING PERFORMANCE OF <i>HYDRANGEA</i> <i>MACROPHYLLA</i> CUTTINGS
19.	Carmen NICU, Manuela MANDA	EVALUATION OF SOME GERANIUM CULTIVARS GROWN UNDER GREENHOUSE CONDITIONS

No	Authors	Paper Title
20.	Roxana PAȘCU, Ina VLADIMIR (ASIMINEI), Cristina ZLATI, Roberto Renato BERNARDIS	LANDSCAPE-LED DESIGN FOR RESILIENT PERI-URBAN COMMUNITIES: INTEGRATING GREEN INFRASTRUCTURE FOR REGENERATION
21.	Roxana PAȘCU, Cristina ZLATI, Ina VLADIMIR (ASIMINEI)	SUSTAINABLE URBAN PLAYGROUND RESTORATION THROUGH COMMUNITY CO-DESIGN AND EDIBLE PLANTINGS
22.	Maria RAICU, Petronela CAMEN-COMĂNESCU, Mihaela URZICEANU, Florin TOMA	INVASIVE ORNAMENTAL PLANTS IN HORTICULTURE: PERCEPTIONS, RESPONSIBILITY, AND PREVENTION
23.	Gabriela Maria ROMAN, Andreea Diana RUS, Cristina DOBROTĂ, Eugenia HĂRȘAN, Lukács LEHEL, Orsolya BORSAL-NEGRUSIER, Maria CANTOR	HIGH TEMPERATURE TOLERANCE IN FRAGRANT ROSE CULTIVARS
24.	Ion ROȘCA, Elisaveta ONICA, Alina CUTCOVSCHI-MUȘTUC, Natalia ONICA	BIO-ECOLOGICAL CHARACTERISTICS OF NEW CULTIVARS OF <i>BUDDLEJA DAVIDII</i> FRANCH. IN THE "ALEXANDRU CIUBOTARU" NATIONAL BOTANICAL GARDEN (INSTITUTE)
25.	Zsolt SZEKELY-VARGA, Annamária BURJÁN, Anna Imola HENNING, Attila BANDI, Endre KENTELKY	IMPACT OF GIBB A3 ON GROWTH PERFORMANCE OF TWO <i>EUSTOMA GRANDIFLORUM</i> VARIETIES
26.	Cristina TOTA, Inga JANČAUSKIENĖ, Gražina PALAITYTĖ, Cristian BERAR, Florin SALA,	PARKS CONDITION, ACCESSIBILITY AND OPPORTUNITY BASED ON RESIDENT OPINIONS - COMPARATIVE STUDY IN ROMANIA AND LITHUANIA
27.	Cristina ZLATI, Roxana PAȘCU, Roberto BERNARDIS, Roxana-Angela TUCALIUC, Ioana BUȚERCHI	LANDSCAPING WITH UNDERUSED TREE SPECIES, A PLANT-BASED SOLUTION FOR GREENER CITIES

# POSTER SESSION

## MISCELLANEOUS

Nr.	Authors	Paper Title
1.	Liana Maria ALDA, Simion ALDA, Diana MOIGRĂDEAN, Laura RĂDULESCU, Carlo Marius DRAGOMIR, Marcel DANCI, Mihaela LĂCĂTUȘ, Patricia TARKANYI, Despina-Maria BORDEAN, Diana RABA	COMPARATIVE NUTRITIONAL ANALYSIS OF FRESH AND CANNED <i>AGARICUS BISPORUS</i>
2.	Luca-Giuseppe BEINAT, Monica ENACHE	MICROSCOPIC CHARACTERISTICS AND TOXICITY OF THE SPECIES <i>ARTEMISIA DRACUNCULUS</i> (TARRAGON)
3.	Gabriela BRAD, Corina PREDESCU, Adrian PETICILĂ, Nicoleta HĂDĂRUGĂ, Diana-Alexandra GHEORGHIU, Liliana TUDOREANU	PHENOLIC COMPOSITION OF WILD BLUEBERRIES AND WILD CRANBERRIES HARVESTED IN ROMANIA
4.	Anda-Grațiela BURNETE, Luminița CATANĂ, Monica CATANĂ, Monica-Alexandra DĂRĂ, Florica CONSTANTINESCU, Adrian Constantin ASĂNICĂ	RESEARCH ON THE FORTIFICATION OF A LOW-CARB BAKERY PRODUCT, FORTIFIED WITH A MICROALGAE MIX, TO INCREASE NUTRITIONAL VALUE AND ANTIOXIDANT POTENTIAL
5.	Monica CATANĂ, Luminița CATANĂ, Anda-Grațiela BURNETE, Monica-Alexandra DĂRĂ, Adrian Constantin ASĂNICĂ, Florica CONSTANTINESCU	RESEARCH ON THE EXTRACTION OF POLYPHENOLS FROM BROCCOLI/CAULIFLOWER BY-PRODUCTS, USING A GREEN AND SUSTAINABLE TECHNOLOGY
6.	Luminița CATANĂ, Anda-Grațiela BURNETE, Monica CATANĂ, Monica-Alexandra DĂRĂ, Florica CONSTANTINESCU, Adrian Constantin ASĂNICĂ	APPLICATION OF SPIRULINA AS AN INNOVATIVE INGREDIENT IN LOW CARB COOKIES, FOR PEOPLE SUFFERING FROM DIABETES, OBESITY AND INSULIN RESISTANCE

Nr.	Authors	Paper Title
7.	Luminița CATANĂ, Monica CATANĂ, Anda-Grațiela BURNETE, Monica-Alexandra DÂRĂ, Denisa-Eglantina DUȚĂ, Florica CONSTANTINESCU, Adrian Constantin ASĂNICĂ	RESEARCH ON THE DEVELOPMENT OF A LOW-CARB BREAD WITH ANTIOXIDANT POTENTIAL, FORTIFIED WITH SPIRULINA, INTENDED FOR THE PREVENTION AND DIETOTHERAPY OF DIABETES MELLITUS AND OBESITY
8.	Alexandra-Gabriela CIOCAN, Rodica-Daniela CATANĂ, Luca Aurelian ANGHELESCU, Maria-Theodora DUMITRAȘCU, Elena Monica MITOI	THE EFFECT OF SOME ABIOTIC FACTORS ON THE MORPHOLOGY AND SECONDARY METABOLISM OF <i>LEONTOPODIUM ALPINUM</i> CASS. CALLUS CULTURES
9.	Nina CIOCARLAN	BIOMORPHOLOGICAL PECULIARITIES OF THE MEDICINAL SPECIES <i>ORIGANUM</i> <i>LAEVIGATUM</i> BOISS. AND <i>ORIGANUM</i> <i>TYTTANTHUM</i> GONTSCH. UNDER <i>EX SITU</i> CONDITIONS
10.	Ecaterina-Andreea CONSTANTIN, Luminita DIMITRIU, Florentina MATEI, Diana CONSTANTINESCU- ARUXANDEI, Florin OANCEA,	ADDING VALUE TO THE AGRI-FOOD SIDE- STREAMS – A REVIEW ON THE ROMANIAN APPROACH TO APPLE POMACE
11.	Francisca CORITAR, Iuliana POPESCU, Daniela Nicoleta SCEDEI, Monica-Cristina DRAGOMIRESCU, Olimpia IORDANESCU, Renata Maria ȘUMĂLAN	STUDY ON THE EFFECTIVENESS OF LAVENDER ESSENTIAL OIL FOR ANTIFUNGAL PROTECTION OF STRAWBERRIES IN POSTHARVEST
12.	Monica-Alexandra DÂRĂ , Monica CATANĂ, Adrian Constantin ASĂNICĂ, Luminița CATANĂ, Anda-Grațiela BURNETE, Gabriela STAMATIE, Florica CONSTANTINESCU	RESEARCH ON OBTAINING FUNCTIONAL COOKIES USING BROCCOLI BY-PRODUCT POWDER AND DRIED PLUMS

Nr.	Authors	Paper Title
13.	Monica-Alexandra DÂRĂ, Monica CATANĂ, Anda-Grațiela BURNETE, Luminița CATANĂ, Anda-Grațiela BURNETE, Florica CONSTANTINESCU, Denisa-Eglantina DUȚĂ, Adrian Constantin ASĂNICĂ	RESEARCH ON THE FORTIFICATION OF MINI-BAGUETTES WITH CAULIFLOWER STALKS POWDER TO INCREASE NUTRITIONAL VALUE AND ANTIOXIDANT CAPACITY
14.	Lucian DINCA, Gabriel MURARIU, Mariana LUPOAE	GLOBAL RESEARCH TRENDS AND ECOLOGICAL PERSPECTIVES ON <i>ANEMONE NEMOROSA</i> L. IN FORESTS
15.	Ricuța Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ- GUIDEA	RESEARCH ON THE USE OF GREEN CUTTINGS AS AN ALTERNATIVE METHOD OF PROPAGATION OF THE SPECIES <i>PHLOSTACHYS EDULIS</i>
16.	Diana-Alexandra GHEORGHIU, Nicoleta-Corina PREDESCU, Liviu GACEU, Adrian PETICILĂ, Dana TĂPĂLOAGĂ, Nicoleta HĂDĂRUGĂ, Gabriela BRAD, Liliana TUDOREANU	YIELD CHARACTERISATION AND PHENOLIC CONTENT OF SAFFRON ( <i>CROCUS SATIVUS</i> L.) PETALS HARVESTED IN SUCEAVA AND NEAMȚ COUNTIES, ROMANIA
17.	Olga IONIȚA, Elena TOFAN-DOROFEEV	CONTRIBUTIONS TO THE STUDY OF THE RARE PLANT SPECIES IN ORHEI NATIONAL PARK FROM REPUBLIC OF MOLDOVA
18.	Ștefan GIUGEA, Ovidiu ȚUCĂ, Ștefan NANU, Ion MITREA	MONITORING OF <i>TUTA ABSOLUTA</i> INFESTATION IN TOMATO CROPS UNDER PROTECTED CULTIVATION
19.	Andronie LUISA, Iulia COROIAN, Ancuta ROTARU	CHARACTERIZATION OF SEA BUCKTHORN AND ARONIA FRUITS BY FT-IR SPECTROSCOPY
20.	Andronie LUISA, Ioana POP, Florica MATEI, Iulia COROIAN, Ancuta ROTARU, Aurelia COROIAN	COMPARATIVE STUDY OF NATURAL AND COMMERCIAL LEMON JUICES BASED ON PHYSICO-CHEMICAL PROPERTIES AND FT-IR SPECTRAL ANALYSIS

Nr.	Authors	Paper Title
21.	Leon Mădălin LUPU, Liviu Cristian MĂRĂCINEANU, Nicolae GIUGEA	AN OVERVIEW OF THE DIVERSITY AND VARIABILITY OF SPONTANEOUS FLORA IN VITICULTURAL REGIONS
22.	Elena MAGHEȚ, Daniela POȘTA, Ionuț DASCĂLU, Cristina TOȚA, Alina ȚENCHE- CONSTANTINESCU, Olimpia Alina IORDĂNESCU	ANALYSIS OF SOME CHEMICAL PROPERTIES OF SOILS IN THE GREEN SPACES OF LUGOJ MUNICIPALITY
23.	Gabi Mirela MATEI, Sorin MATEI, Sorina DUMITRU, Victoria MOCANU, Monica DUMITRAȘCU	SYNTHETIC MICROBIOMES INFLUENCE ON TOMATO PLANTS UNDER THERMAL STRESS CONDITIONS
24.	Carmen MAXIMILIAN, Florența-Elena HELEPCIUC, Irina HOLOBIUC, Florentina ALDEA, Diana VOICU, Oana LIVADARIU, Ioana-Mădălina PAZARGIC, Alexandra-Gabriela CIOCAN, Elena-Monica MITOI	EXPLORING THE ANTIMICROBIAL POTENTIAL OF PLANT EXTRACTS DERIVED FROM <i>IN VITRO</i> TISSUE CULTURES
25.	Ana-Maria MOROȘANU, Anca MANOLE, Sorin ȘTEFĂNUȚ	CURRENT STAGE AND FUTURE PERSPECTIVES OF <i>EX SITU</i> PLANT GERMPLASM CONSERVATION IN ROMANIA
26.	Alina NEACȘU, Anelissa PĂȘTILĂ (IORDACHE), Ilinca IMBREA, Gabriel ARSENE	MORPHOLOGICAL ANALYSIS OF DAFFODIL POPULATION FROM THE NATURAL RESERVE "FÂNEȚELE CU NARCISE NUCȘOARA – 2.506"
27.	Geanina NEGOSANU, Costel VINATORU, Bianca MUSAT, Camelia BRATU, Matilda POPESCU, Adrian PETICILĂ	EVALUATION OF THE AGRONOMIC POTENTIAL OF THE NEW <i>SIDERITIS</i> <i>HYSSOPIFOLIA</i> CULTIVAR DEVELOPED THROUGH BREEDING AT BRGV BUZAU

Nr.	Authors	Paper Title
28.	Mariana NICULESCU, Paula IANCU	DIVERSITY AND DISTRIBUTION OF THE <i>AMARANTHUS DEFLEXUS</i> L. (AMARANTHACEAE) IN THE HABITATS OF OLTENIA SOUTHERN (ROMANIA)
29.	Maria OJOG, Mihaela IORDĂCHESCU, Liliana BĂDULESCU, Viorica LAGUNOVSKI- LUCHIAN	GENETIC AND BIOCHEMICAL REGULATION OF CAPSAICIN BIOSYNTHESIS IN <i>CAPSICUM</i> SPP.
30.	Sabina PINTILIA, Elena PETCU, Niculina IONESCU, Violeta Alexandra ION, Liliana BĂDULESCU,	INFLUENCE OF PHENOLOGICAL STAGE ON BIOACTIVE COMPOSITION IN <i>MENTHA</i> × <i>PIPERITA</i> L. CULTIVARS CORDIAL AND CRISTAL
31.	Georgeta Sofia POPESCU, Florina RADU, Mihaela-Maria STANCIUGELU, Manuel Ovidiu AMZOIU, Ariana Bianca VELCIOV, Lia Sanda ROTARIU, Emilia AMZOIU, Antoanela COZMA, Anisoara IENCIU, Despina Maria BORDEAN	DEVELOPMENT AND CHARACTERISATION OF AN INNOVATIVE JAM OF HOT PEPPER
32.	Matilda POPESCU, Costel VINATORU, Bianca MUSAT, Geanina NEGOSANU, Camelia BRATU	GERMINATION DYNAMICS AND CONSERVATION STRATEGIES FOR THE <i>CISTUS LADANIFER</i> L. SPECIES
33.	Elena SĂVULESCU, Mihaela-Ioana GEORGESCU, Vasilica LAGUNOVSKI- LUCHIAN	BIOLOGICAL, MORPHOLOGICAL AND ANATOMICAL CHARACTERIZATION OF ROOT, STEM AND LEAF OF <i>CERATONIA</i> <i>SILIQUA</i> L.
34.	Iulian Andrei SZEIKELY, Valerica TUDOR, Răzvan Ionuț TEODORESCU	MANAGEMENT OF BIODIVERSITY IN AGRICULTURAL SYSTEMS IN ROMANIA
35.	Miruna-Maria ȘTEFĂNUȚ, Sorin ȘTEFĂNUȚ, Ana Maria MOROȘANU	THE SPHAGNUM SPECIES FROM THE PADIȘ AREA, APUSENI NATURAL PARK
36.	Sorin ȘTEFĂNUȚ, Miruna-Maria ȘTEFĂNUȚ	THE BRYOPHYTES OF FĂGĂRAȘ AND IEZER- PĂPUȘA MOUNTAINS

Nr.	Authors	Paper Title
37.	Elena TOFAN-DOROFEEV, Olga IONIȚA	<i>IN SITU</i> AND <i>EX SITU</i> CONSERVATION MEASURES FOR THE THREATENED SPECIES <i>POTENTILLA ASTRACANICA</i> JACQ. IN THE REPUBLIC OF MOLDOVA
38.	Cristina TOMA (VAPOR),, Daniela VERINGĂ, Simona POPESCU, Radu-Andrei STERIAN, Dorel HOZA	RESEARCH ON THE VALORIZATION OF WATERMELON RIND IN MIXTURES WITH APPLE VARIETIES FOR DIVERSIFYING THE FOOD ASSORTMENT
39.	Florina ȚERLE BURESCU, Mihai AVADANEI, Daniel DICU, Florin SALA, Mihai Valentin HERBEI	FOREST VEGETATION DYNAMICS MONITORING USING INDICES DERIVED FROM SATELLITE IMAGERY
40.	Mihaela VILCU (PREDA), Adriana Laura MIHAI, Elisabeta Elena POPA, Mona Elena POPA	NITRITES AND NITRATES CONTENT OF SOME VEGETABLES HARVESTED IN 2024-2025 FROM DÂMBOVIȚA COUNTY, ROMANIA
41.	Diana Marcela Florentina VOICU, Elena-Monica MITOI, Florența-Elena HELEPCIUC, Irina-Mihaela HOLOBIUC, Cristian BANCIU, Mihnea VLADIMIRESCU	<i>IN VITRO</i> CALLUS CULTURE OF <i>LAVANDULA ANGUSTIFOLIA</i> MILL. VAR. <i>HIDCOTE</i> (LAMIACEAE) AND ITS ANTIOXIDANT CAPACITY
42.	Diana VOICU, Cristian BANCIU, Mihnea VLADIMIRESCU	<i>IN VITRO</i> CULTURE OF <i>ALTHAEA OFFICINALIS</i> L. (BIG MALLOW): OPTIMIZATION OF GERMINATION, SHOOT MULTIPLICATION AND CALLUS INDUCTION
43.	Mihnea VLADIMIRESCU, Anca MANOLE	<i>IN VITRO</i> REGENERATION OF GLACIAL RELICT <i>VIOLA PALUSTRIS</i> L. SUPSP. <i>PALUSTRIS</i> AS GROUNDWORK FOR SUSTAINABLE USE AND GERMLASM CONSERVATION
44.	Alexandru Valentin ZĂGREAN, Oana-Alina BOIU-SICUIA	GENETIC POLYMORPHISM AND PRODUCTION CAPACITY OF SOME ROMANIAN-NATIVE WILD ISOLATES OF <i>PLEUROTUS OSTREATUS</i>



## Section 3

# **ANIMAL SCIENCE**

## SCIENTIFIC COMMITTEE OF ANIMAL SCIENCE SECTION

- Stelian ACATINCĂI - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Vasco A.P. CADAVEZ - Departamento de Ciência Animal & Centro de Investigação de Montanha (CIMO), Escola Superior Agrária, Instituto Politécnico de Bragança, Portugal
- Mioara COSTACHE - Fish Culture Research and Development Station Nucet, Romania
- Cătălin DRAGOMIR - National Research-Development Institute for Animal Biology and Nutrition Balotești, Romania
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- Horia GROSU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
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- Mostafa A.R. IBRAHIM - University of Kafrelsheikh, Egipt
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- Monica Paula MARIN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Carmen Georgeta NICOLAE - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ioan PETȚ - University of Life Sciences "King Mihai I" from Timișoara, Romania
- Daniel SIMEANU - "Ion Ionescu de la Brad" Iasi University of Life Sciences, Romania
- Paul Rodian TĂPĂLOAGĂ - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Livia VIDU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

## ORGANIZING COMMITTEE OF ANIMAL SCIENCE SECTION

- Prof. Ph.D. Gheorghe Emil MĂRGINEAN
- Prof. Ph.D. Monica Paula MARIN
- Prof. Ph.D. Livia VIDU
- Prof. Ph.D. Ioan CUSTURĂ
- Prof. Ph.D. Elena Narcisa POGURSCHI
- Assoc. prof. Ph.D. Dana POPA
- Lect. Ph.D. Dănuț Nicolae ENEA

**THURSDAY, JUNE 04, 2026**

**Building A – Faculty of Animal Productions Engineering and Management**

<b>Time</b>	<b>Activity</b>	<b>Location</b>
14:00 – 14:10	Opening Session	Building A, 2nd floor, A II a Amphitheatre
14:10 – 14:50	Keynote speaker presentations	Building A, 2nd floor, A II a Amphitheatre
14:50 – 16:00	Oral paper presentations: Session Technologies of animal husbandry	Building A, 2nd floor, A II a Amphitheatre
16:00 – 16:30	<i>Coffee break</i>	<i>Building A, 2nd floor, A II 102 room</i>
16:30 – 18:00	Oral paper presentations: Session Technologies of animal husbandry	Building A, 2nd floor, A II a Amphitheatre
18:00 – 18:30	<b>Workshop</b> EUROPEAN NETWORK ON LIVESTOCK PHENOMICS	Building A, 2nd floor, A II a Amphitheatre
19:00 – 21:30	<i>Official Galla Dinner</i>	<i>CERES Restaurant, USAMV Campus</i>

**FRIDAY, JUNE 05, 2026**

**Building A – Faculty of Animal Productions Engineering and Management**

<b>Time</b>	<b>Activity</b>	<b>Location</b>
08:00 – 09:00	Registration of participants	Building A, 2nd floor, A II a Amphitheatre
09:00 – 11:00	Oral paper presentations: Session Technologies of the agro food products processing	Building A, 2nd floor, A II a Amphitheatre
09:00 – 10:00	Oral paper presentations: Session Genetics and breeding	Building A, 2nd floor, A II 113 Amphitheatre
09:00 – 11:00	Oral paper presentations: Session Wild life management, fishery and aquaculture	Building A, 3rd floor, A III 136 Amphitheatre
10:00 – 11:00	Oral paper presentations: Session Reproduction, physiology, anatomy	Building A, 2nd floor, A II 113 Amphitheatre
11:00 – 11:30	<i>Coffee break</i>	<i>Building A, 2nd floor, A II 102 room</i>

<b>Time</b>	<b>Activity</b>	<b>Location</b>
11:30 – 13:30	Oral paper presentations: Session Technologies of the agro food products processing	Building A, 2nd floor, A II a Amphitheatre
11:30 – 13:10	Oral paper presentations: Session Nutrition	Building A, 2nd floor, A II 113 Amphitheatre
13:10 – 13:30	Poster display, viewing and presentation: Session Nutrition	Building A, 2nd floor, A II 113 Amphitheatre
11:30 – 13:00	Oral paper presentations: Session Wild life management, fishery and aquaculture	Building A, 3rd floor, A III 136 Amphitheatre
13:00 – 13:30	Poster display, viewing and presentation: Session Wild life management, fishery and aquaculture	Building A, 3rd floor, A III 136 Amphitheatre
13:30 – 14:30	<i>Lunch</i>	<i>Building A, 2nd floor, A II 102 Room</i>
14:30 – 15:50	Oral paper presentations: Session Technologies of the agro food products processing	Building A, 2nd floor, A II a Amphitheatre
15:50 – 17:00	Poster display, viewing and presentation: Session Technologies of the agro food products processing	Building A, 2nd floor, A II a Amphitheatre
14:30 – 15:15	Poster display, viewing and presentation: Session Wild life management, fishery and aquaculture	Building A, 3rd floor, A III 136 Amphitheatre
15:15 – 17:00	Poster display, viewing and presentation: Session Technologies of animal husbandry	Building A, 3rd floor, A III 136 Amphitheatre
14:30 – 15:00	Poster display, viewing and presentation: Session Nutrition	Building A, 2nd floor, A II 113 Amphitheatre
15:00 – 16:00	Poster display, viewing and presentation: Session Genetics and breeding	Building A, 2nd floor, A II 113 Amphitheatre
16:00 – 17:00	Poster display, viewing and presentation: Session Reproduction, physiology, anatomy	Building A, 2nd floor, A II 113 Amphitheatre

## DETAILED PROGRAMME SECTION 3 – ANIMAL SCIENCE

THURSDAY, JUNE 04, 2026

*Session Chair: Prof. Dr. Livia VIDU*

*Building A, 2nd floor, A II a Amphitheatre*

Time	Authors	Paper Title
14:10 – 14:30	<b>Keynote speaker presentation</b> Koray KIRIKÇI	GENETIC STRATEGIES FOR REPRODUCTIVE EFFICIENCY: ENHANCING TWINNING RATES IN SHEEP
14:30 – 14:50	Stojmir STOJANOVSKI, Dijana BLAZHEKOVIKJ-DIMOVSKA, Daniela-Mihaela GRIGORE, Carmen-Georgeta NICOLAE	UNCOVERING GYRODACTYLUS DIVERSITY AND SUSTAINABLE CONTROL STRATEGIES WITHIN THE BIOAQUA FRAMEWORK

## SESSION TECHNOLOGIES OF ANIMAL HUSBANDRY

*Time: 14:50 – 18:30*

Time	Authors	Paper Title
14:50 – 15:00	Costel TARAN, Gabriela AMARIȚII, Vasile MACIUC	PRODUCTIVE PERFORMANCE OF CHAROLAISE CATTLE EXPLOITED IN EXTENSIVE AND SEMI-INTENSIVE SYSTEMS ON FARMS IN SUCEAVA COUNTY, ROMANIA
15:00 – 15:10	Delia-Carmen NEGURĂ, Marius USTUROI	NATURAL ALTERNATIVES TO MITIGATE THE EFFECTS OF HEAT STRESS IN BROILER CHICKENS
15:10 – 15:20	Dorin MAXIM, Gheorghe Emil MARGINEAN, Lavinia STEF, Ioan PEȚ, Danut NICOLAE, Livia VIDU	ANALYSIS OF COW MILK QUALITY PARAMETERS DYNAMICS IN COW FARMS FROM TRANSYLVANIA - ROMANIA

Time	Authors	Paper Title
15:20 – 15:30	Irina UNGUREANU, Florina STOICA, Alexandru USTUROI, Roxana Nicoleta RAȚU, Madalina Alexandra DAVIDESCU, Marius-Giorgi USTUROI	ANALYSIS OF CAROTENOID CONTENT AT VARIOUS PLANT SOURCES, USED TO INTENSIFY MEAT COLOR IN CHICKEN BROILER
15:30 – 15:40	Cristian Vasile ILISIU, Ion RĂDUCUȚĂ, Elena ILISIU, Vasile Călin ILISIU, Ion CĂLIN	PERFORMANCE, CARCASS TRAITS, AND PRODUCTIVE POTENTIAL OF SUFFOLK CROSSBRED LAMBS WITH ROMANIAN BREEDS: A LITERATURE REVIEW
15:40 – 15:45	Danut Nicolae ENEA, Iuliana MARIN, Diana-Alexandra CIUNGAN, Roxana Elena VASILIU, Hippolyte Mekuiko WATSOP	IoT-DRIVEN SYSTEM FOR EMISSION CONTROL AND SUSTAINABILITY IN ROMANIAN DAIRY FARMING
15:45 – 15:50	Mariana LUCA, Andrada Elena MOISE, Raluca-Anamaria DRIDEANU, Ion RĂDUCUȚĂ	ASPECTS REGARDING THE ORGANIZATION AND DEVELOPMENT OF ORGANIC AGRICULTURE IN ROMANIA
15:50 – 16:00	Carmen Georgeta NICOLAE, Elena Narcisa POGURSCHI, Daniela GRIGORE	INNOVATIONS AND SUSTAINABLE STRATEGIES IN ANIMAL NUTRITION AND AQUACULTURE WITH IMPACTS ON FOOD QUALITY
16:00 – 16:30	<i>Coffee break</i>	
16:30 – 16:40	Georgiana Magdalena GHECIU PÎRLEA, Daniela IANIȚCHI, Monica MARIN, Horia GROSU	PRELIMINARY RESEARCH ON THE USE OF ALTERNATIVE PROTEIN SOURCES IN BROILER CHICKEN NUTRITION

Time	Authors	Paper Title
16:40 – 16:50	Nicolae NAFORNIȚĂ, Ștefan RUSU, Oleg CHIHAI, Rita GOLBAN, Viorelia RUSU, Ion GOLOGAN, Elena CIBOTARU, Cristina STRAMOUS	PARTICULARITIES OF CERTAIN BIOCHEMICAL INDICES IN SHEEP INFESTED WITH <i>Dicrocoelium</i> <i>dendriticum</i> (Rudolphi, 1819)
16:50 – 17:00	Marinela SIMION, Alexandru USTUROI, Roxana Nicoleta RAȚU, Mădălina Alexandra DAVIDESCU, Marius-Giorgi USTUROI	EVALUATION OF QUANTITATIVE MEAT PRODUCTION IN TURKEY BROILERS RAISED IN DIFFERENT SYSTEMS
17:00 – 17:10	Ana-Iulia NICODIM, Andreea-Maria PÎNDARU, Răzvan Alexandru POPA	LIFE CYCLE ASSESSMENT OF BEEF CATTLE PRODUCTION SYSTEMS: METHODOLOGICAL VARIABILITY AND IMPLICATIONS FOR SUSTAINABILITY EVALUATIONS
17:10 – 17:20	Teofil Stefan VLAD, Kety BALACI, Magdalena Georgiana GHECIU PÎRLEA, Ștefania Iuliana BOLOLOI, Ioan CUSTURĂ, Marius Laurian MAFTEI, Daniela IANIȚCHI, Minodora TUDORACHE	ASPECTS REGARDING THE PHYSIC OCHEMICAL AND TECHNOLOGICAL PROPERTIES OF QUAIL MEAT
17:20 – 17:30	Dănuț Nicolae ENEĂ, Livia VIDU, Gheorghe Emil MĂRGINEAN, Nicoleta DEFTA, Aurelia DEFTA (OSMAN), Roxana Elena STEFAN (VASILIU), Hippolyte MEKUIKO WATSOP	PRECISION LIVESTOCK FARMING IN CATTLE SYSTEMS: PRODUCTIVITY AND SUSTAINABILITY

Time	Authors	Paper Title
17:30 – 17:40	Mihai-Vlad BER, Marinela ENCULESCU, Dinu GAVOJDIAN, Mădălina MINCU-IORGA, Ioana NICOLAE, Livia VIDU	EVALUATION OF HEAT STRESS EFFECTS ON HEMATOLOGICAL AND BIOCHEMICAL PROFILES IN HOLSTEIN CALVES
17:40 – 17:45	Santie Helfien TURANGAN, Meis Jacinta NANGOY, Roni KONERI, Saroyo	FLIES ASSOCIATED WITH FARMED HORSES IN PINABETENGAN VILLAGE, WEST TOMPASO DISTRICT, MINAHASA REGENCY, NORTH SULAWESI
17:45 – 17:50	Anton HAMZĂU, Minodora TUDORACHE, Ștefan-Teofil VLAD, Ursule Rantenaina SENDRAMAMPIONONA, Ioan CUSTURĂ	PRODUCTIVE PERFORMANCE AND EGG QUALITY OF ISA BROWN LAYING HENS UNDER AN ORGANIC FEEDING SYSTEM
17:50 – 18:00	Nicolae EREMIA, Vitalie JEREGHI, Ivan CATARAGA	THE ROLE OF STIMULATIVE FEEDING OF NURSE BEES IN QUEEN REARING TECHNOLOGY
18:00 – 18:30	<b>Workshop</b> Livia VIDU, Danut Nicolae ENEA	EUROPEAN NETWORK ON LIVESTOCK PHENOMICS

DAY 2 – FRIDAY, JUNE 05, 2026

## SESSION TECHNOLOGIES OF THE AGRO FOOD PRODUCTS PROCESSING

*Session Chair: Prof. Dr. Gratiela Victoria BAHACIU*

*Building A, 2nd floor, A II a Amphitheatre*

*Time: 09:00 – 15:50*

Time	Authors	Paper Title
09:00 – 09:10	Adina Florina CIOATA, Aurel DAMIAN, Oana-Andreea PECE, Anca BECZE, Aurelia COROIAN	FATTY ACIDS IN WILD BOAR MEAT
09:10 – 09:20	Ioana Roxana ȘOIMUȘAN, Anca BECZE, Lăcrimioara SENILĂ, Claudiu TĂNĂSELIA, Aurelia COROIAN	IMPACT OF STORAGE TEMPERATURE AND WALNUT ( <i>Juglans regia</i> ) AND PISTACHIO ( <i>Pistacia vera</i> ) ENRICHMENT ON THE PHYSICOCHEMICAL STABILITY AND ANTIOXIDANT POTENTIAL OF SHEEP MILK CHEESE
09:20 – 09:30	Ioana Roxana ȘOIMUȘAN, Anca BECZE, Claudiu TĂNĂSELIA, Lăcrămioara SENILĂ, Aurelia COROIAN	IMPACT OF MILKING SEQUENCE AND LACTATION NUMBER ON THE FATTY ACID COMPOSITION OF SHEEP MILK
09:30 – 09:40	Ion-Marius VASIU, Anca BECZE, Claudiu TĂNĂSILĂ, Lăcrimioara SENILĂ, Aurelia COROIAN	EFFICACY OF ANTIOXIDANT MARINATION IN THERMAL RISK MODULATION: COMPARATIVE PAH CONTAMINATION DYNAMICS IN BEEF BRISKET AND SHOULDER MUSCLES SUBJECTED TO GRILLING, FRYING, AND PRESSURE COOKING

Time	Authors	Paper Title
09:40 – 09:50	Ion-Marius VASIU, Anca BECZE, Lăcrimioara SENILĂ, Claudiu TĂNĂSILĂ, Aurelia COROIAN	PHYSICOCHEMICAL CONTROL OF MARINADE DELIVERY EFFICIENCY AND PAH MITIGATION IN COOKED BEEF
09:50 – 10:00	Adina Forina CIOATĂ (VIDREAN), Aurel DAMIAN, Oana Andreea PECE, Raluca MARICA, Melania Ioana CRIȘAN, Aurelia COROIAN	EVALUATION OF HISTOLOGICAL CHANGES IN WILD BOAR MEAT
10:00 – 10:10	Alexandru Florin OLTEANU, Amalia Carmen MITELUȚ	BIOTECHNOLOGICAL METHODS FOR IMPROVING QUALITY OF GLUTEN-FREE BREAD: A REVIEW
10:10 – 10:20	Andrada-Elena MOISE, Minodora TUDORACHE, Ioan CUSTURĂ, Mariana LUCA, Denisa Veronica LUNGU, Georgiana Magdalena GHECIU PÎRLEA, Dumitru DRĂGOTOIU	COMPARATIVE QUALITY ASSESSMENT OF PARISIAN AND MILANESE CHICKEN FILLETS
10:20 – 10:30	Georgiana Magdalena GHECIU PÎRLEA, Daniela IANIȚCHI, Monica MARIN, Teofil Ștefan VLAD, Horia GROSU	COMPARATIVE EVALUATION OF TECHNOLOGICAL PARAMETERS IN PORK: THE INFLUENCE OF MUSCLE TYPE AND MATURATION TIME
10:30 – 10:40	Camelia HODOȘAN, Ana-Maria NEGULEI, Lucica NISTOR, Iulius Sorin BĂRBUICĂ, Alexandra Manuela VASILE, Mariana LUCA	THE EFFECT OF ADDITION OF CRANBERRY SYRUP ON THE PHYSICOCHEMICAL AND SENSORY CHARACTERISTICS OF BEER

Time	Authors	Paper Title
10:40 – 10:50	Camelia HODOȘAN, Ana-Maria NEGULEI, Sorin Iulius BĂRBUICĂ, Lucica NISTOR, Mariana LUCA	VALORIZATION OF SEA BUCKTHORN ( <i>Hippophae rhamnoides</i> L.) IN THE DEVELOPMENT OF CHOCOLATE PRODUCTS WITH FUNCTIONAL PROPERTIES
10:50 – 11:00	Todor STOYANCHEV, Aleksandra DASKALOVA, Orozova PETYA, Bayanzhargal BOHBAT	QUALITY EVALUATIVE BIOMARKERS BASED ON BENEFICIAL LACTIC ACID BACTERIA IN BULGARIAN YOGHURT AND FERMENTED PLANT BASED MILK ALTERNATIVES
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 11:40	Mihaela-Maria LĂPĂDAT, Silvia-Nicoleta IACOB, Andreea-Maria PÎNDARU, Dana-Cătălina POPA	PHYSICOCHEMICAL AND SENSORY CHANGES IN COFFEE INDUCED BY ROASTING DEGREE - A REVIEW
11:40 – 11:50	Silvia-Nicoleta IACOB, Mihaela-Maria LĂPĂDAT, Dana-Cătălina POPA	PHYSICOCHEMICAL COMPOSITION AND FUNCTIONAL PROPERTIES OF GREEN TEA - A REVIEW
11:50 – 12:00	Elvira VRABIE, Irina PALADII, Valeria VRABIE	THE ELECTROACTIVATION WHEY: ADVANTAGES FOR OBTAINING DIRECTED PROTEIN CONCENTRATES
12:00 – 12:10	Ionela-Florentina TOMA, Gratziela Victoria BAHACIU, Daniela IANIȚCHI, Nela DRAGOMIR, Iuliana Ștefania BOLOLOI, Alexandru POPESCU, Carmen Georgeta NICOLAE	TOWARDS THE APPROPRIATE USE OF MEAT AND BY-PRODUCTS FROM COMMON CARP ( <i>Cyprinus</i> <i>carpio</i> ) AND BIGHEAD CARP ( <i>Hypophthalmichthys nobilis</i> )

Time	Authors	Paper Title
12:10 – 12:20	Alin Cosmin MARIAN, Antonia ODAGIU, Luisa ANDRONIE, Aurelia COROIAN	INFLUENCE OF THE GAME SPECIES ( <i>Capreolus capreolus</i> L., <i>Cervus elaphus</i> L., <i>Dama dama</i> L.) ON THE CHEMICAL COMPOSITION, FATTY ACIDS AND AMINO ACIDS OF MEAT - A REVIEW
12:20 – 12:30	Ioana-Alexandra ALEXE, Gabriela-Elena STAN, Kerem ILASLAN, Alexandru CÎRÎC, Minodora TUDORACHE, Monica Paula MARIN, Gratiela Victoria BAHACIU	THE IMPACT OF STORAGE CONDITIONS ON QUALITY DEGRADATION AND SHELF-LIFE MODELING OF SELECTED FRESH FRUITS AND VEGETABLES
12:30 – 12:40	Raluca-Anamaria DRIDEANU, Liliana MIHALCEA, Mariana LUCA, Ioan Iustin POPA, Gratiela-Victoria BAHACIU	BEYOND HEAT: NOVEL NON-THERMAL STRATEGIES FOR FOOD SAFETY AND NUTRITIONAL RETENTION
12:40 – 12:45	Matija MUNJIĆ, Alexander LUKYANOV, Danila DONSKOY, Nemanja MILETIĆ, Marko PETKOVIĆ	COMPARATIVE ANALYSIS OF THE EFFECTIVENESS OF CONVECTIVE DRYING OF CHICKEN GIZZARDS IN CUT AND GROUND FORM
12:45 – 12:50	George SCARLAT, Changbo TANG, Carina-Florina MILOS-LAZAR, Roxana Elena VASILIU, Aida-Maria BENGEA, Georgiana HORINCAR, Elena Narcisa POGURSCHI	VALORIZATION OF WHEY THROUGH FOOD UPCYCLING: EVIDENCE FROM HIGH-PROTEIN DAIRY AND CEREAL PRODUCTS ON THE RETAIL MARKET

Time	Authors	Paper Title
12:50 – 13:00	Antoneta-Elena SIMA, Alexandru-Ionut ȘTEFAN, George SCARLAT, Changbo TANG, Elena-Narcisa POGURSCHI	GARLIC ( <i>Allium sativum</i> L.) EXTRACTS RICH IN BIOACTIVE COMPOUNDS: PRODUCTION AND CHARACTERIZATION
13:00 – 13:10	Nicolae MOCANU, Alexandru STRATAN, Deniz ZÜNGÜN, Silvius STANCIU	ANIMAL FAT CONSUMPTION VERSUS SUGAR INTAKE: IMPLICATIONS FOR OBESITY IN THE POPULATION OF THE REPUBLIC OF MOLDOVA
13:10 – 13:20	Aida-Maria BENGEA, Elena RĂDUCANU, Raluca-Anamaria DRIDEANU, Antoneta-Elena SIMA, George SCARLAT, Irina Mihaela MATRAN, Elena-Narcisa POGURSCHI	PHYSICOCHEMICAL PROPERTIES OF DAIRY, FRUIT-BASED AND PLANT-BASED FROZEN DESSERTS: IMPLICATIONS FOR FUNCTIONAL PACKAGING DESIGN
13:20 – 13:30	Andrada IHUȚ, Paul UIUIU, Camelia MUNTEANU, Anca BECZE, Lăcrămioara ȘENILĂ, Adriana URCAN, Tania DAVID, Camelia RĂDUCU	COMPARATIVE NUTRITIONAL ASSESSMENT OF BEEF MARROW- BASED SPREADABLE PRODUCTS: PLAIN AND SOY-ENRICHED FORMULATIONS
13:30 – 14:30	<i>Lunch break</i>	
14:30 – 14:40	Daniela Valentina VATAMANU, Andra Dorina ȘULER, Minodora TUDORACHE, Nela DRAGOMIR, Maria Luiza MIRCEA, Gratiela Victoria BAHACIU	SAFETY AND STABILITY: HOW STORAGE TEMPERATURES BETWEEN -20°C AND 25°C CAN ALTER THE PROFILE OF MINERAL AND TAP WATER

Time	Authors	Paper Title
14:40 – 14:50	Liliana-Maria DRAGOMIR (NEGUȚ), Livia VIDU, Carmen Georgeta NICOLAE, Adina Lidia ALEXANDRU (SOMEȘAN), Gratiela Victoria BAHACIU	FOOD WASTE IN THE ROMANIAN HOSPITALITY SECTOR: AN ASSESSMENT OF ECONOMIC AND ENVIRONMENTAL IMPACTS IN A MID-SIZE COASTAL HOTEL
14:50 – 15:00	Ioan Iustin POPA, Raluca-Anamaria DRIDEANU, Elena Gabriela STAN, Ioan CUSTURĂ, Aurelia DEFTA (OSMAN), Gratiela Victoria BAHACIU	CLOSING THE LOOP IN THE BAKERY SECTOR: ADVANCED UPCYCLING TECHNOLOGIES FOR DEVELOPING HIGH-VALUE FUNCTIONAL FOOD ADDITIVES
15:00 – 15:10	Bianca-Georgiana ANCHIDIN, Mihai-Cătălin CIOBOTARU, Diana-Remina MANOLIU, Adnana-Gabriela SANDU, Cristina TĂBUREANU, Marius-Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	DEVELOPMENT OF A NEXT-GENERATION MEAT PRODUCT ENRICHED WITH ASTRAGALUS MEMBRANACEUS AND EXPLORING ITS POTENTIAL
15:10 – 15:20	Bianca-Georgiana ANCHIDIN, Mihai-Cătălin CIOBOTARU, Diana-Remina MANOLIU, Adnana-Gabriela SANDU, Ioana GUCIANU, Simona-Mihaela COȘARCĂ, Marius-Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	BEYOND CONVENTIONAL CHICKEN MEATBALLS THROUGH OAT FIBER INCORPORATION AND ITS PHYSICO-CHEMICAL, TEXTURAL, AND SENSORY EFFECTS

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
15:20 – 15:30	Ioana GUCIANU, Andromeda PĂTRAȘCU SONEA, Elena-Iuliana FLOCEA, Sebastian-Paul LUCACI, Bianca-Georgiana ANCHIDIN, Marius-Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	TECHNOLOGICAL DEVELOPMENT AND EVALUATION OF A BEEF-BASED SNACK PRODUCT
15:30 – 15:50	<i>Discussions</i>	

## SESSION GENETICS AND BREEDING

*Session Chair: Assoc. Prof. Dr. Răzvan POPA*

*Building A, 2nd floor, A II 113 Amphitheatre*

*Time: 09:00 – 10:00*

Time	Authors	Paper Title
09:00 – 09:10	Mihail LECHKUN, Horia GROSU	MANAGEMENT OF GENETIC RESOURCES IN LIPIZZANER BREED NUCLEI AT SÂMBĂTA DE JOS AND BECLEAN STATE STUDS
09:10 – 09:20	Andreea Raluca MOCLEAȘĂ, Horia GROSU	ESTIMATION OF GENETIC PARAMETERS FOR LINEAR TYPE TRAITS AND SELECTION INDEX IN ROMANIAN BLACK AND WHITE DAIRY CATTLE
09:20 – 09:30	Viorica COȘIER, Roxana CENAN	ASSESSING SINGLE NUCLEOTIDE POLYMORPHISMS ASSOCIATED WITH MEAT TENDERNESS IN THE CALPASTATIN GENE IN ROMANIAN SPOTTED CATTLE (SIMMENTAL TYPE)
09:30 – 09:40	Mihaela PILA, Silvius STANCIU	GOAT BREED DISTRIBUTION IN ROMANIA: A TERRITORIAL AND STRUCTURAL ANALYSIS
09:40 – 09:50	Sveatoslav ROTARI	EVALUATION OF REPRODUCTIVE PERFORMANCE AND TECHNOLOGICAL EFFICIENCY IN SOWS FROM DIFFERENT MATERNAL BREEDS AND GENETIC LINES UNDER INTENSIVE PRODUCTION CONDITIONS
09:50 – 10:00	<i>Discussions</i>	

## SESSION REPRODUCTION, PHYSIOLOGY, ANATOMY

*Session Chair: Prof. Dr. Paul Rodian TĂPĂLOAGĂ*

*Building A, 2nd floor, A II 113 Amphitheatre*

*Time: 10:00 – 11:00*

Time	Authors	Paper Title
10:00 – 10:10	Ahmet Burak ADIGUZEL, Zafer GEDEK, Mustafa CAKIR, Armagan HAYIRLI, Mehmet CENGIZ	IMPORTANCE OF RELATIONSHIP BETWEEN FERTILITY AND LACTATION FOR SUSTAINABILITY OF DAIRY FARMING
10:10 – 10:20	Mehmet Muzaffer KARATEKIN, Fatih DEMIR, Mustafa CAKIR, Talat AYDIN, Armagan HAYIRLI	LACTATION PERFORMANCE OF PRIMIPAROUS AND MULTIPAROUS HOLSTEINS IN ROBOTIC MILKING SYSTEM
10:20 – 10:30	Maria STĂTESCU, Silvia Ioana PETRESCU, Răzvan Nicolae MĂLĂNCUȘ, Paul-Corneliu BOIȘTEANU	EVALUATION OF <i>Rosa canina</i> AS A NATURAL SOURCE OF VITAMIN C: IMPACT OF THE FORM OF ADMINISTRATION ON ERYTHROPOIESIS AND RENAL FUNCTION IN ROSS 308 BROILER CHICKENS
10:30 – 10:40	Daniel COCAN, Vasile RUS, Adrian Florin GAL, Maria-Cătălina MATEI-LAȚIU, Alexandru Ion GUDEA, Octavia Maria TAMAS- KRUMPE, Radu CONSTANTINESCU, Călin LAȚIU, Paul UIUIU, Camelia RĂDUCU, Vioara MIREȘAN, Cristian MARTONOS	BETWEEN TASTE AND WELFARE: METABOLIC PROFILE AND HISTOLOGICAL ASPECTS OF COMMON DUCKS ( <i>Anas platyrhynchos</i> ) FATTENED FOR CONSUMPTION

<b>Time</b>	<b>Authors</b>	<b>Paper Title</b>
10:40 – 10:50	Ellda Melissa SAVU, Makki Khalaf Hussein AL DULAIMI, Tudor POPA, Paul-Rodion TĂPĂLOAGĂ	ACCELERATED LAMBING SYSTEMS IN SHEEP BREEDING: CHALLENGES AND MANAGEMENT OPPORTUNITIES
10:50 – 11:00	<i>Discussions</i>	

## SESSION NUTRITION

*Session Chair: Prof. Dr. Elena Narcisa POGURSCHI*

*Building A, 2nd floor, A II 113 Amphitheatre*

*Time: 11:30 – 13:10*

Time	Authors	Paper Title
11:30 – 11:40	Jola Josephien Mariane Roosje LONDOK, Herny Emma Inonta SIMBALA, Mursye Nataly REGAR	PHYTOCHEMICAL POTENCY, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF PATCHOULI LEAVES AS A SOURCE OF PHYTOGENIC FEED ADDITIVES IN BROILER
11:40 – 11:50	Laurian Cristian COJOCARIU, Roxana Georgiana BOBEICĂ, Ioana Miruna BALMUȘ, Mircea LAZĂR, Alexandru USTUROI, Răzvan Mihail RADU-RUSU	THE POTENTIAL OF MINT ( <i>Mentha</i> spp.) AS A FUNCTIONAL FEED ADDITIVE IN POULTRY NUTRITION
11:50 – 12:00	Larisa CAISIN, Dumitru MALENCHI, Ana RAILEANU, Vitalie AGAPII, Ludmila BIVOL, Al Khatib Jehad Abd Aljabar HASSAN	EVALUATION OF SLAUGHTER PERFORMANCE AND CARCASS TRAITS IN POULTRY FED <i>Hermetia illucens</i> -BASED DIETS
12:00 – 12:10	Victoria Pop MOLDOVAN (RUSU), Roxana VIDICAN, Adriana MOREA	THE USE OF MEDICINAL PLANTS-BASED PHYTOACTIVE SUBSTANCES AS ALTERNATIVE INPUTS IN CATTLE FORAGE AND TREATMENT
12:10 – 12:20	Roxana Elena VASILIU, George SCARLAT, Daniela IANIȚCHI, Dănuț Nicolae ENEA, Elena RĂDUCANU, Monica Paula MARIN	RESEARCH ON THE USE OF PUMPKIN SEED CAKE AS AN ALTERNATIVE FEED RESOURCE IN DAIRY COW NUTRITION

Time	Authors	Paper Title
12:20 – 12:30	Silvia Ioana PETRESCU, Dragoş Mihai LĂPUŞNEANU, Ioan Mircea POP	AN ANALYSIS OF THE OWNER'S DECISION-MAKING ROLE IN DOG AND CAT NUTRITION FROM A PSYCHOSOCIAL, ECONOMIC, AND SCIENTIFIC PERSPECTIVE
12:30 – 12:40	Daniel PALCU, Minodora TUDORACHE, Tatiana PANAITTE, Monica Paula MARIN	THE ROLE OF L-HISTIDINE IN BROILER PRODUCTIVE PERFORMANCE, IMMUNITY, AND MEAT QUALITY
12:40 – 12:45	Wisje Lusia TOAR, Ivonne Maria UNTU, Laurentius RUMOKOY	DIETARY INCLUSION OF <i>Tenebrio molitor</i> Meal AS AN ALTERNATIVE PROTEIN SOURCE AND ITS EFFECTS ON BROILER DIGESTIVE ORGANS
12:45 – 12:50	Mădălina MATEI, Silvia Ioana PETRESCU, Dragoş Mihai LĂPUŞNEANU, Ioan Mircea POP	ASSESSMENT AND CLASSIFICATION OF MINERAL OIL CONTAMINATION IN FEED AND MILK IN RELATION TO LEGISLATIVE BENCHMARKS
12:50 – 13:00	Lovita ADRIANI, Roostita BALIA, Tuti WIDJASTUTI	COMPARISON OF ENERGY PROTEIN BALANCE IN RATION ON HEMATOLOGICAL VALUES AND LIPID PROFILE IN SENTUL MALE CHICKENS IN CAGE AND LITTER SYSTEMS
13:00 – 13:10	<i>Discussions</i>	

## SESSION WILD LIFE MANAGEMENT, FISHERY AND AQUACULTURE

*Session Chair: Prof. Dr. Carmen Georgeta NICOLAE*

*Building A, 3rd floor, A III 136 Amphitheatre*

*Time: 09:00 – 13:00*

Time	Authors	Paper Title
09:00 – 09:10	Simona Cristina NIȚESCU, Daniel COCAN, Anca BECZE, Aurelia COROIAN	CHEMICAL COMPOSITION OF FIVE <i>Lavandula angustifolia</i> CULTIVARS FROM SĂLAJ COUNTY: RELEVANCE FOR APPLICATIONS IN AQUACULTURE NUTRITION
09:10 – 09:20	Simona Cristina NIȚESCU, Daniel COCAN, Anca BECZE, Ancuța BOARU, Aurelia COROIAN	ANTIOXIDANT CAPACITY AND POLYPHENOLIC PROFILES OF FIVE <i>Lavandula angustifolia</i> CULTIVARS: FUNCTIONAL POTENTIAL FOR AQUACULTURE
09:20 – 09:30	Minodora MANU, Marilena ONETE	IMPACT OF HABITAT FRAGMENTATION ON SOIL MITE COMMUNITIES (ACARI-MESOSTIGMATA) FROM TWO SMALL PROTECTED AREAS FROM BRAȘOV COUNTY, ROMANIA
09:30 – 09:40	Minodora MANU, Roxana Georgiana NICOARĂ, Nicolae LOTREAN, Mihaela CIOBOTĂ, Andreea CIOBOTĂ, Ciprian BÎRSAN	DISTRIBUTION AND CONSERVATIVE ISSUES OF <i>Lucanus cervus</i> (Linnaeus, 1758) AND <i>Cerambyx cerdo</i> (Linnaeus, 1758) FROM CRÂNG FOREST, BUZĂU – ROMANIA

Time	Authors	Paper Title
09:40 – 09:50	Maria-Cătălina MATEI-LAȚIU, Călin LAȚIU, Tudor PĂPUC, George-Cătălin MUNTEAN, Adela Maria DĂESCU, Anca BECZE, Claudiu TĂNĂSELIA, Lăcrimioara ȘENILA, Vasile RUS, Adrian Florin GAL	HISTOMORPHOLOGICAL HEPATIC ALTERATIONS IN <i>Squalius cephalus</i> (Linnaeus, 1758) EXPOSED TO HEAVY METALS: A CROSS-WATERSHED COMPARATIVE STUDY OF TWO ROMANIAN RIVERS
09:50 – 10:00	Florin NENCIU, Lorena-Diana POPA, Iulian VOICEA, Ana-Maria TĂBĂRAȘU, Tatiana ONISEI, Petru-Alexandru VLAICU, Nicolae-Valentin VLĂDUȚ, Mihai-Gabriel MATACHE	EVALUATING HEMPSEED MEAL BY-PRODUCT AS A FUNCTIONAL ADDITIVE IN <i>Cyprinus carpio</i> var. <i>specularis</i> DIETS
10:00 – 10:10	Andrei ARHIP, George-Cătălin MUNTEAN, Tudor PĂPUC, Daniel COCAN, Radu CONSTANTINESCU, Paul UIUIU, Raul SAVIN, Călin LAȚIU, Aurelia COROIAN	FISH WELFARE RESPONSES TO HEAVY METAL EXPOSURE: A REVIEW
10:10 – 10:20	Anca BOARU, Lavinia MOLDOVAN, Bogdan GEORGESCU, Emanuela FILIP	UTILISATION OF INSECTS IN ORNAMENTAL FISH NUTRITION: A REVIEW
10:20 – 10:30	George-Cătălin MUNTEAN, Călin LAȚIU, Daniel COCAN, Radu CONSTANTINESCU, Tudor PĂPUC, Raul-Lucian SAVIN, Anca BECZE, Iulia TOROK, Paul UIUIU, Aurelia COROIAN	GROWTH PERFORMANCE OF JUVENILE CARP ( <i>Cyprinus carpio</i> ) REARED USING SLUG ( <i>Arion vulgaris</i> ) MEAL AS AN ALTERNATIVE PROTEIN SOURCE IN FISH FEED

Time	Authors	Paper Title
10:30 – 10:40	Andrada IHUȚ, Camelia RĂDUCU, Vioara MIREȘAN, Călin LAȚIU, Angelica DOBRE, Camelia MUNTEANU, Paul UIUIU	LENGTH-WEIGHT RELATIONSHIP AND GROWTH OF ARTIFICIALLY REARED DANUBE SALMON ( <i>Hucho hucho</i> , Linnaeus 1758)
10:40 – 10:50	Anca BOARU, Sergiu CHIRA, Emanuela FILIP, Lavinia MOLDOVAN, Bogdan GEORGESCU	VALORIZATION OF BLACK SOLDIER FLY ( <i>Hermetia illucens</i> ) LARVAE MEAL IN GUPPY ( <i>Poecilia reticulata</i> ) FEED
10:50 – 11:00	Angelica DOBRE, Maria Desimira STROE, Andrada IHUȚ, Mariana Cristina TRIFAN (ARCADE), Christian E.W. STEINBERG, Carmen Georgeta NICOLAE	HEAT SHOCK PROTEINS (HSPS), THERMAL STRESS AND EPIGENETIC MODIFICATIONS IN WILD FISH POPULATIONS: A REVIEW
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 11:40	Ștefan RUSU, Dumitru ERHAN, Maria ZAMORNEA, Oleg CHIHAI, Viorelia RUSU, Rita GOLBAN, Ion GOLOGAN, Elena CIBOTARU	ECTOPARASITE FAUNA OF DOMESTIC WATERFOWL IN THE NORTHERN REGION OF THE REPUBLIC OF MOLDOVA
11:40 – 11:50	Daniel COCAN, Andreea Iulia MOCIAN, Paul UIUIU, George-Cătălin MUNTEAN, Tudor PĂPUC, Radu CONSTANTINESCU, Camelia RĂDUCU, Cristian MARTONOS, Călin LAȚIU, Vioara MIREȘAN, Aurelia COROIAN	CONSTITUTIONAL AND GROWTH INDICES, HEMATOLOGICAL AND METABOLIC PROFILES IN CARP ( <i>Cyprinus carpio</i> , Linnaeus 1758) DUE TO THE ADMINISTRATION OF BREWERY YEAST ( <i>Saccharomyces cerevisiae</i> )

Time	Authors	Paper Title
11:50 – 12:00	Constantin-Ciprian BÎRSAN, Minodora MANU, Andreea CIOBOTĂ, Mihaela CIOBOTĂ, Constanța-Mihaela ION, Emilia RADU, Georgiana- Roxana NICOARĂ	ASSESSING BIODIVERSITY IN PĂDUREA CRÂNG (CODRII VLĂSIEI, BUZĂU, ROMANIA): A BASELINE STUDY FOR NATURA 2000 PROTECTED AREAS
12:00 – 12:10	Daniel COCAN, Cristina NIȚESCU, Călin LAȚIU, Paul UIUIU, Tudor PĂPUC, George Cătălin MUNTEAN, Radu CONSTANTINESCU, Cristian MARTONOS, Arsene Mathieu HOUSSOU, Aurelia COROIAN	LENGTH-WEIGHT RELATIONSHIP (LWR), FULTON CONDITION FACTOR (K) AND COMPARATIVE MORPHOMETRIES OF BULLHEAD ( <i>Cottus gobio</i> , Linnaeus 1758) FROM DIFFERENT RIVERS OF TRANSYLVANIA
12:10 – 12:20	Daniel COCAN, Marius NEAG, Călin LAȚIU, Radu CONSTANTINESCU, George Cătălin MUNTEAN, Tudor PĂPUC, Andrei ARHIP, Aurelia COROIAN, Paul UIUIU	REDWORM ( <i>Eisenia fetida</i> ) AND HOUSE FLY LARVAE ( <i>Musca domestica</i> ) USED AS PROTEIN SUPPLEMENTS IN THE DIET OF COMMON CARP ( <i>Cyprinus carpio</i> ). THEIR EFFECTS ON GROWTH AND PHYSIOLOGICAL STATUS
12:20 – 12:30	Tudor PAPUC, Daniel COCAN, Radu CONSTANTINESCU, Camelia RĂDUCU, Călin LATIU, Paul UIUIU, George-Cătălin MUNTEAN, Daniela LADOȘI, Ioan LADOȘI, Anca BECZE, Vioara MIREȘAN	EFFECTS OF PHYTOADDITIVES ON RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> , Walbaum, 1792) GROWTH AND CAROTENOID CONTENT AT LOW TEMPERATURE
12:30 – 12:40	Carmen Georgeta NICOLAE, Angelica DOBRE, Alexandru POPESCU	SUBSTITUTION, MISLABELLING, AND FRAUD IN THE SEAFOOD INDUSTRY

Time	Authors	Paper Title
12:40 – 12:50	Traian CRĂCIUNAȘ, Mădălina MATEI, Elena-Iuliana FLOCEA, Mugurel MUNTEANU, Marius Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	POPULATION DYNAMICS, PHYSIOLOGICAL ADAPTATIONS AND BEHAVIORAL RESPONSES OF GAME SPECIES IN SUBMONTANE ECOSYSTEMS: A MINI REVIEW
12:50 – 13:00	<i>Discussions</i>	

## POSTER SESSION

### SESSION NUTRITION

*Session Chair: Prof. Dr. Elena Narcisa POGURSCI*

*Building A, 2nd floor, A II 113 Amphitheatre*

*13:10 – 15:00*

No.	Authors	Paper Title
1	Olha STEFANYSHYN, Alla HUNCHAK, Yaroslav SIRKO, Bohdan KYRYLIV, Irynei RATYCH, Serhii SACHKO, Mariia VOROBEL, Nataliia PAKHOLKIV	THE INFLUENCE OF THE QUANTITATIVE AND QUALITATIVE COMPOSITION OF FEED PROTEIN AND MICROELEMENT CITRATES IN THE DIETS OF LAYING CHICKENS ON THEIR PRODUCTIVITY
2	Nicoleta LEFTER, Anca GHEORGHE, Mihaela HABEANU, Adela MOISE, Teodor MIHALCEA	EFFECTS OF PROBIOTIC-FORTIFIED MULBERRY LEAVES ON IBV POLYVOLTINE <i>Bombyx mori</i> SILKWORM PRODUCTIVITY
3	Pattarapong Jaiboonlue, Pipat Lounglawan	ENHANCEMENT OF NAPIER GRASS SILAGE QUALITY AND AEROBIC STABILITY USING <i>Lactobacillus</i> spp.
4	Teodora CIUCAN, Oana CRĂCIUNESCU, Elena MIHAI, Florentina MATEI	BIOCHEMICAL PROFILE OF GOAT COLOSTRUM FERMENTED WITH VARIOUS MICROBIAL CONSORTIA
5	Vasile MACARI, Oleg CHISELIȚA, Ana MACARI, Natalia CHISELIȚA, Liliana ROTARI	EVOLUTION OF PROTEIN METABOLISM AND BODY MASS OF QUAILS UNDER THE INFLUENCE OF THE PHYTOMICROBIAL ADDITIVE OMEPOL 30

No.	Authors	Paper Title
6	Natalia CHISELIȚA, Vasile MACARI, Oleg CHISELIȚA, Ana MACARI, Liliana ROTARI	EFFECTS OF OMEPOL 30 ADDITIVE ON TRYPSIN-ANTITRYPSIN SYSTEM, ENDOTOXICOSIS AND EGG PRODUCTION OF QUAILS
7	Melania Florentina (ANDREI) LUNGU, Mihaela HĂBEANU, Anca GHEORGHE, Nicoleta Aurelia LEFTER, Paul Rodian TĂPĂLOAGĂ	ENHANCING THE MORPHO-PRODUCTIVE TRAITS OF ROMANIAN <i>Bombyx mori</i> SILKWORM BREED THROUGH YEAST-ENRICHED DIET
8	Iulian Alexandru GROSU, Ionelia TĂRANU, Gina Cecilia PISTOL, Ana Maria CIUPITU, Daniela MARIN	DIET WITH APPLE POMACE IS ABLE TO COUNTERACT OXIDATIVE STRESS IN SPLEEN OF PIGLETS EXPERIMENTALLY CONTAMINATED WITH <i>Escherichia coli</i> LIPOPOLYSACCHARIDE DURING POST- WEANING PERIOD
9	Larisa CAISIN, Adriana DABIJA, Vitalie AGAPII, Ludmila BIVOL, Ana RAILEANU, Dumitru MALENCHI, Ancuța CHETRARIU	YEAST IN BROILER DIETS: ITS EFFECTS ON GROWTH PERFORMANCE AND CARCASS QUALITY
10	Jeanina CARTIȘ (LAZĂR), Paul Rodian TĂPĂLOAGĂ, Livia VIDU, Monica Paula MARIN	RESEARCH ON BIOPRODUCTIVE PERFORMANCE OF GROWING-FINISHING PIGS FED WITH ALTERNATIVE VEGETABLE SOURCES
11	Jeanina CARTIȘ (LAZĂR), Paul Rodian TĂPĂLOAGĂ, Livia VIDU, Monica Paula MARIN	IMPACT OF DIETARY FLAXSEED AND PEAS ON THE FATTY ACID PROFILE AND LIPID HEALTH INDICES OF PORK FROM LANDRACE × PIETRAIN CROSSBREDS
12	Dragos Mihai LAPUSNEANU, Silvia-Ioana PETRESCU, Madalina MATEI, Ioan Mircea POP	MICROBIOLOGICAL SAFETY OF PROTEIN FEED RAW MATERIALS IN THE FARM-TO-FORK CHAIN

No.	Authors	Paper Title
13	Lorel Dorin UNGUREANU, Paul Rodian TĂPĂLOAGĂ, Lovita ADRIANI, Monica Paula MARIN	RESEARCH CONCERNING EFFECTS OF ANTIOXIDANT FEED ADDITIVES ON BROILER PERFORMANCE AND MEAT QUALITY
14	Marinela ENCULESCU, Ioana NICOLAE, Madalina MINCU-IORGA, Dinu GAVOJDIAN	ESTIMATES OF METHANE EMISSIONS FROM DAIRY CATTLE BASED ON MANURE MANAGEMENT SYSTEMS
15	Răzvan UȚĂ, Minodora TUDORACHE, Ioan CUSTURĂ, Carmen CHELMEA, Maria ȘTEFAN, Ștefan-Teofil VLAD	EFFICIENCY OF USING LOCAL FEED RESOURCES IN TURKEY HYBRID NUTRITION
16	Simona Georgiana Emilia KIRIȚESCU PERE, Igori BALTA, Adela MARCU, Iuliana POPESCU, Ioan PEȚ, Lavinia STEF	CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITIES OF THYME ( <i>Thymus vulgaris</i> ) AND TEA TREE ( <i>Melaleuca alternifolia</i> ) ESSENTIAL OILS
17	Gabi DUMITRESCU, Eliza SIMIZ, Ioan PEȚ, Elena PEȚ, Igori BALTA, Nicolae CORCIONIVOSCHI, Florin Dan SIMIZ, Mirela AHMADI, Liliana PETCULESCU CIOCHINĂ	INFLUENCE OF TURMERIC ON GROWTH PERFORMANCE AND INTESTINAL HISTOMORPHOMETRY IN BROILERS
18	Sandra Florina LELE, Marius Valentin BOLDEA, Teodor CRISTEA, Florica Emilia MORARIU, Saida Roxana FEIER DAVID, Ioan PEȚ	CONTROL OF <i>Eriochloa villosa</i> (Thunb.) Kunth, AN EMERGING THREAT TO SILAGE CROPS: A POT CULTURE STUDY

No.	Authors	Paper Title
19	Sandra Florina LELE, Teodor CRISTEA, Marius Valentin BOLDEA, Florica Emilia MORARIU, Saida Roxana FEIER- DAVID, Ioan PETȚ	POST-EMERGENCE CONTROL OF <i>Eriochloa villosa</i> (Thunb.) Kunth IN SILAGE CORN
20	Maria Alexandra IEPAN, Saida Roxana FEIER-DAVID, Sandra Florina LELE, Florica Emilia MORARIU, Igori BALTA, Ioan PETȚ	OPTIMIZING POST-EMERGENCE HERBICIDE PROGRAMS FOR RAGWEED ( <i>Ambrosia artemisiifolia</i> ) AND ASSOCIATED BROADLEAF WEEDS IN SUNFLOWER
21	Adrian BERCU, Carmen Georgeta NICOLAE, Paul Rodian TĂPĂLOAGĂ, Monica Paula MARIN	TRADITIONAL VERSUS INDUSTRIAL DAIRY PRODUCTS: A COMPARATIVE ANALYSIS OF COMPOSITION, NUTRITIONAL VALUE AND QUALITY

## SESSION GENETICS AND BREEDING

*Session chair: Assoc. Prof. Dr. Răzvan POPA*

*Building A, 2nd floor, A II 113 Amphitheatre*

*Time: 15:00 – 16:00*

No.	Authors	Paper Title
1	Genoveva STAYKOVA, Pavel TODOROV, Todor TSONEV, Margarit ILIEV, Tsonka ODZHAKOVA	ASSESSMENT OF THE GROWTH ABILITIES OF LAMBS FOR MARKET REALIZATION FROM BULGARIAN SHEEP BREED FOR WOOL AND MEAT
2	Nevyana STANCHEVA, Ivona DIMITROVA, Milena BOZHILOVA- SAKOVA, Radena NENOVA, Todor TZONEV	REVEALING THE GENETIC NATURE OF FERTILITY IN ASSAF SHEEP VIA GDF9 AND ABCG2 GENE POLYMORPHISMS
3	Mihail Alexandru GRAS, Rodica Sefania PELMUS, Mircea Catalin ROTAR, Cristina VAN	ESTIMATION THE GENETIC PARAMETERS FOR PRODUCTIVE LONGEVITY IN CHAROLAISE BREED
4	Rodica Stefania PELMUS, Mircea Catalin ROTAR, Mihail-Alexandru GRAS, Cristina VAN	COMPARATIVE STUDY ON CONFORMATION TRAITS OF COWS IN ROMANIAN SPOTTED, TYPE SIMMENTAL AND MONTBELIARDE BREEDS
5	Rodica Stefania PELMUS, Mircea Catalin ROTAR, Mihail-Alexandru GRAS, Cristina VAN	GENETIC PARAMETERS FOR LITTER SIZE IN PROLIFIC BREED PALAS SHEEP
6	Cristina VAN, Rodica Stefania PELMUS, Mihail Alexandru GRAS, Mircea Catalin ROTAR	GENETIC PARAMETERS ESTIMATION FOR ULTRASOUND MEASUREMENTS IN MERINOS PALACE SHEEP BREED

No.	Authors	Paper Title
7	Mircea Catalin ROTAR, Rodica Stefania PELMUS, Mihail Alexandru GRAS, Cristina VAN	COMPARATIVE STUDY ON LIFETIME NUMBER OF CALVES ON LIMOUSINE AND CHAROLAIS BREEDS
8	Bogdan IACOB, Horia GROSU	PARTIAL RESULTS REGARDING THE ESTIMATION OF GENETIC PARAMETERS OF PRODUCTION TRAITS IN THE TURCANA BREEDS
9	Laura MARINICĂ, Dorina NADOLU, Andreea Hortanse ANGHEL, Constantin PASCAL	STUDIES ON REPRODUCTIVE AND PRODUCTIVE PERFORMANCE OF CARPATHIAN YOUNG GOATS
10	Daniela ILIE, Alexandru Eugeniu MIZERANSCHI, Ciprian Valentin MIHALI, Radu Ionel NEAMT, Ludovic Toma CZISZTER, Bianca Mihaela STEFANESCU, Karima MAHMOUD	ASSOCIATION STUDY FOR GENETIC VARIANTS LINKED WITH REPRODUCTIVE TRAITS IN ROMANIAN CATTLE BREEDS
11	Florinel BÎRCĂ, Horia GROSU	RESEARCH ON THE ESTIMATION OF GENETIC PARAMETERS FOR PRODUCTION AND EXTERIOR TRAITS IN SUBPOPULATIONS OF THE ȚURCANĂ BREED
12	Florinel BÎRCĂ, Gheorghe REMAN, Horia GROSU	ECOSANOGENESIS OF ECOTYPES OF THE TURCAN BREED IN THE EXPANSIONIST EVOLUTIONARY CONTEXT OF THE STRUCTURE OF SHEEP BREEDS IN ROMANIA
13	Svetoslava STOYCHEVA, Lora MONDESHKA	EFFECT OF CONTROLLED MILK FEEDING SYSTEMS ON GROWTH PERFORMANCE OF GOAT KIDS UNTIL WEANING

No.	Authors	Paper Title
14	Zhivko DUCHEV, Milena BOZHILOVA- SAKOVA, Evgeniya ACHKAKANOVA	EVALUATION OF BREEDING MEASURES TO IMPROVE SCRAPIE RESISTANCE IN THE BULGARIAN ILE DE FRANCE POPULATION
15	Silvia EVTODIENCO, Oleg MASHNER, Vitalii PETCU	THE GENETIC STRUCTURE INFLUENCE OF LACTOPROTEINS ON MILK AND DAIRY PRODUCTS IN KARAKUL SHEEP
16	Ioana NICOLAE, Adrian BOTA, Cristina RADEANU, Dinu GAVOJDIAN	CYTOGENETIC SCREENING OF ROMANIAN BOVINE BREEDS
17	Andreea Raluca MOCLEAȘĂ, Horia GROSU	RESEARCH ON THE GENETIC DETERMINISM OF A GLOBAL SELECTION INDEX, BASED ON THE CONSIDERATION OF PRODUCTION AND TYPE TRAITS IN THE ROMANIAN BLACK AND WHITE CATTLE
18	Eleonora KIRR, Andra-Elena NICA, Cristina Stoica ȘURLEA, Paul-Rodian TĂPĂLOAGĂ	THE EVOLUTION OF THE INSTRUMENTAL INSEMINATION TECHNIQUE OF HONEY BEE QUEENS: THE CONTRIBUTIONS OF WATSON, LAIDLAW, AND COBEY

## SESSION REPRODUCTION, PHYSIOLOGY, ANATOMY

*Session chair: Assoc. Prof. Dr. Paula POȘAN*

*Building A, 2nd floor, A II 113 Amphitheatre*

*Time: 16:00 – 17:00*

No.	Authors	Paper Title
1	Liubov LIAKHOVICH, Olena BYRKA, Andrii ZAKHARYEV, Yuliia SOBAKAR, Ollena KOCHEVENKO	STUDY OF THE CORRELATION BETWEEN MORPHOLOGICAL INDICATORS OF EGGS AND EXTERIOR PARAMETERS IN LAYING HENS OF TWO BREEDING LINES AND THEIR SURVIVABILITY
2	Liubov LIAKHOVICH, Svitlana GUJVINSKA, Olena BYRKA, Iryna HONCHAROVA, Ollena KOCHEVENKO, Yuliia SOBAKAR	INFLUENCE OF SYMBIOTIC ON PRODUCTIVITY, MORPHOLOGICAL INDICATORS OF EGGS, PROLONGATION OF THE PRODUCTION CYCLE AND SURVIVAL OF LAYING HENS OF THE LOMAN BROWN CROSS
3	Stelian SERTU, Tiberiu Nicolae CONSTANTIN, Crina Raluca ANDREI, Marinela ENCULESCU	EFFICIENCY OF USING ESTRUS SYNCHRONIZATION PROTOCOLS IN DAIRY COWS
4	Tsvetomira BANCHEVA, Genoveva GEORGIEVA	STUDY OF THE MILK YIELD OF KARAKACHAN SHEEP RAISED IN THE REGION ON THE CENTRAL BALKAN MOUNTAIN
5	Tatyana IVANOVA, Radena NENOVA	REPRODUCTIVE PERFORMANCE OF WAGYU AND ABERDEEN ANGUS RECIPIENTS AFTER EMBRYO TRANSFER IN BULGARIA

No.	Authors	Paper Title
6	Ion BALAN, Valentina CIOCHINĂ, Nicolae ROȘCA, Vladimir BUZAN, Sergiu BALACCI, Galina OSIPCIUC, Vlada FURDUI, Ion MEREUȚA, Gheorghe BACU, Artiom FILIPPOV	THE INFLUENCE OF POLYPHENOLS EXTRACT FROM NETTLE ( <i>Urtica dioica</i> ) ON THE MINERAL ANTIOXIDANT STATUS IN THE BLOOD SERUM OF BREEDING ROOSTERS AND ITS ROLE IN THE PROPHYLAXIS OF OXIDATIVE STRESS
7	Lora MONDESHKA, Svetoslava STOICHEVA	STUDY OF THE DYNAMICS OF COLOSTRUM COMPOSITION IN GOATS FROM THREE BREEDS DURING THE FIRST 24 HOURS AFTER PARTURITION
8	Vladimir BUZAN, Ion BALAN, Valentina CIOCHINĂ, Nicolae ROȘCA, Sergiu BALACCI, Ion MEREUȚA, Vlada FURDUI, Vasile HAREA, Roman CREȚU, Ecaterina VÎHRIST	THE INFLUENCE OF POLYPHENOLS FROM NETTLE EXTRACT ON IRON METABOLISM AND SOME MICROELEMENTS THAT PARTICIPATE IN MAINTAINING IRON HOMEOSTASIS
9	Nicolae ROȘCA, Ion BALAN, Valentina CIOCHINĂ, Vladimir BUZAN, Sergiu BALACCI, Victor ȚIȚEI, Roman CREȚU, Galina OSIPCIUC, Vlad TEMCIUC, Ion MEREUȚA	VARIATIONS OF THE AMINO ACID SPECTRUM IN THE BLOOD SERUM OF THE ROOSTER DURING THE SPERMATOGENESIS CYCLE
10	Iryna HONCHAROVA, Liubov LIAKHOVICH, Oksana SHEVCHENKO, Zoia YEMETS, Igor NIKOLENKO, Anna FEDIAIEVA	MORPHOMETRIC CHARACTERISTICS OF HAIR IN REPLACEMENT HEIFERS OF THE ZNAMIANSKY TYPE OF THE POLISSYA BEEF BREED DEPENDING ON THE SEASON AND FEEDING LEVEL
11	Nicolae Tiberiu CONSTANTIN, Florin Petrișor POSASTIUC, Crina Raluca ANDREI	PASSIVE IMMUNE TRANSFER IN CHAROLAIS CALVES IN RELATION TO COLOSTRUM IGG QUALITY

No.	Authors	Paper Title
12	Andra-Elena NICA, Monica Paula MARIN, Ellda Mellisa SAVU, Eleonora KIRR, Paul-Rodian TĂPĂLOAGĂ	LIVE ESTROUS FEMALE VERSUS PHEROMONAL STIMULATION: A COMPARATIVE ASSESSMENT OF CANINE SEMEN COLLECTION OUTCOMES
13	Ivan YANCHEV, Nikola METODIEV, Tsvetana HARIZANOVA- METODIEVA, Maya IGNATOVA	GROWTH HORMONE LEVELS IN LAMBS OF THE BULGARIAN DAIRY SYNTHETIC POPULATION ACROSS FOUR FARMS: A MIXED-MODEL APPROACH

## SESSION WILD LIFE MANAGEMENT, FISHERY AND AQUACULTURE

*Session Chair: Assoc. Prof. Dana POPA*

*Building A, 3rd floor, A III 136 Amphitheatre*

*Time: 13:00 – 15:15*

No.	Authors	Paper Title
1	Paula POŞAN, Lucia NISTOR, Carmen Georgeta NICOLAE	EARLY MORPHOLOGICAL VARIABILITY IN COMMON CARP ( <i>Cyprinus carpio</i> L.) OFFSPRING FROM PURE ROPŞA AND FRĂSINET STRAINS UNDER UNIFORM REARING CONDITIONS
2	Paula POŞAN, Lucia NISTOR, Carmen Georgeta NICOLAE	THE HETEROSIS EFFECT ON MORPHOMETRIC TRAITS IN HYBRID PROGENY OF COMMON CARP ( <i>Cyprinus carpio</i> L.) OBTAINED FROM CROSSES BETWEEN ROPŞA AND FRĂSINET VARIETIES
3	Paula POŞAN, Lucia NISTOR, Andra ŞULER, Carmen Georgeta NICOLAE	EARLY MORPHOLOGICAL VARIABILITY IN COMMON CARP ( <i>Cyprinus carpio</i> L.) OFFSPRING FROM HYBRID CROSSES ROPŞA × FRĂSINET AND FRĂSINET × ROPŞA UNDER UNIFORM REARING CONDITIONS
4	Irina PETCU, Vitalii PETCU	RELEVANCE OF EDIBLE SNAIL EXPLOITATION UNDER MOLDOVA'S CLIMATE WITH ESSENTIAL SCIENTIFIC ARGUMENTS
5	Ionut MARCU, Marian GĂICEANU, FloriceL MariceL DIMA, Anca Nicoleta SĂVESCU (CORDELI)	PHOTOVOLTAIC SYSTEMS ABOVE AQUACULTURE PONDS: SUSTAINABLE SOLUTIONS FOR ENERGY INFRASTRUCTURE

No.	Authors	Paper Title
6	Mitica ROMAN, Floricelel Maricelel DIMA, Silviuș STANCIU, Anca Nicoleta SĂVESCU (CORDELI)	EVOLUTION OF FISHERY RESOURCES IN THE CONTEXT OF CLIMATE CHANGE IN ROMANIA
7	George ȚIGANOV, Daniel GRIGORAȘ, Cristian-Sorin DANILOV, Cătălin PĂUN, Gulten REIZ, Alexandru CÎNDESCU	NEW INSIGHTS ON <i>Alosa immaculata</i> (Bennett, 1835) STOCKS UNDER PRESENT ENVIRONMENTAL CONDITIONS AND COMMERCIAL FISHERIES
8	Catalin PAUN, Daniel GRIGORAS, George TIGANOV, Cristian Sorin DANILOV, Dragos DIACONU, Madalina GALATCHI, Carmen Georgeta NICOLAE, Mehmet ADIGÜZEL, Marika MAKHARADZE	GROWTH, CONDITION AND POPULATION INSIGHTS OF <i>Mesogobius batrachocephalus</i> IN THE ROMANIAN BLACK SEA
9	Mariana Cristina ARCADE, Alin Constantin BARBU, Mioara COSTACHE, Angelica DOBRE, Carmen Georgeta NICOLAE	ENHANCING ENVIRONMENTAL SUSTAINABILITY THROUGH IMTA: INTEGRATING <i>Mylopharyngodon piceus</i> INTO FRESHWATER POLYCULTURE TO CONTROL INVASIVE BIVALVES
10	Alina Nicoleta MACOVEIU (DOBRE), Mirela CREȚU, Angelica DOCAN, Iulia GRECU, Angelica DOBRE, Lorena DEDIU	EFFECTS OF <i>Ulva lactuca</i> EXTRACT ON HEMATOLOGICAL RESPONSES IN COMMON CARP SUBJECTED TO ANTIBIOTIC TREATMENT
11	Alin Constantin BARBU, Mariana Cristina ARCADE, Mioara COSTACHE, Marinela GANCEA, Carmen Georgeta NICOLAE	EVALUATION OF GROWTH PERFORMANCE OF CYPRINIDS UNDER CLIMATE INSTABILITY IN RECIRCULATING AQUACULTURE SYSTEMS: AN EXPERIMENTAL APPROACH

No.	Authors	Paper Title
12	Eusebiu Gabriel STROIE, Bianca Maria MĂDESCU, Marius Mihai CIOBANU, Paul Corneliu BOIȘTEANU	INNOVATIVE DIGITAL TECHNOLOGIES FOR NON-INVASIVE BEHAVIORAL MONITORING OF ROE DEER ( <i>Capreolus capreolus</i> ) AND WILD BOAR ( <i>Sus scrofa</i> )
13	Violina ANGELOVA	TOTAL MERCURY AND FATTY ACID CONTENT OF SELECTED FISH SPECIES FROM THE BLACK SEA (BULGARIA): IMPLICATIONS FOR HUMAN HEALTH RISK
14	Violina ANGELOVA, Lyudmila NIKOLOVA, Stanimir BONEV, Georgi GEORGIEV	HEALTH RISK ASSESSMENT OF HEAVY METALS AND LIPID QUALITY INDEXES IN FRESHWATER FISH FROM KARDZHALI, STUDEN KLADENETS, AND IVAYLOVGRAD RESERVOIRS
15	Diana KIRIN, Radoslava ZAHARIEVA, Petya ZAHARIEVA, Dimitrinka KUZMANOVA, Mariya CHUNCHUKOVA	PARASITES AND PARASITE COMMUNITIES OF FRESHWATER FISH FROM THE LUDA YANA RIVER
16	Mirela CRETU, Lăcrămioara GRĂDINARIU, Carmelia Mariana BĂLĂNICĂ DRAGOMIR	THE ROLE OF <i>Salvia officinalis</i> AS A PHYTOGENIC ADDITIVE IN FISH. A REVIEW
17	Silvia RADU, Nicoleta-Georgeta DOBROTA, Gheorghe DOBROTA, Mioara COSTACHE, Nino MARICA	ASSESSMENT OF THE TROPHIC STATUS OF PONDS USED FOR CARP ( <i>Cyprinus carpio</i> ) CULTURE IN SUMMER I USING PHYTOPLANKTON AS A BIOINDICATOR OF WATER QUALITY
18	Diana KIRIN, Petya ZAHARIEVA, Radoslava ZAHARIEVA, Dimitrinka KUZMANOVA, Mariya CHUNCHUKOVA	BIOLOGICAL DIVERSITY AND STRUCTURE OF THE ICHTHYOCOMPLEXES OF THE KRUMOVITSA RIVER AND THEIR PARASITE COMMUNITIES

No.	Authors	Paper Title
19	Angelica DOBRE, Maria Desimira STROE, Alina Nicoleta (DOBRE) MACOVEIU, Patrick LAMBERT, Valodia MAXIMOV, Floricelel Maricelel DIMA	INTERANNUAL VARIATION IN LENGTH STRUCTURE AND REPRODUCTIVE CONTRIBUTION OF <i>Alosa immaculata</i> IN THE BLACK SEA–DANUBE SYSTEM (2020-2025)
20	Silvia PRUNAR, Ioana GROZEA, Ana Maria VARTEIU, Florin PRUNAR	NEW RECORDS OF <i>Phytoecia (Pilemia) tigrina</i> (Coleoptera: Cerambycidae) FROM ROADSIDE HABITATS IN ROMANIA
21	Florin PRUNAR, Adorian ARDELEAN, Ionel SAMFIRA, Ana Maria VARTEIU, Mihaela FERICEAN, Silvia PRUNAR	A NEW RECORD OF <i>Rhysodes sulcatus</i> IN THE ROSCI0002 APUSENI NATURA 2000 (ROMANIA): IMPLICATIONS FOR HABITAT INTERPRETATION AND CONSERVATION
22	Anca Nicoleta CORDELI (SAVESCU), Floricelel Maricelel DIMA, Magdalena TENCIU, Angelica DOBRE, Ionuț MARCU	CLIMATE CHANGE AS A FACILITATING FACTOR FOR THE OCCURRENCE OF THE NON-NATIVE SPECIES <i>Macrobrachium nipponense</i> IN THE ROMANIAN SECTOR OF THE DANUBE RIVER
23	Anca Nicoleta CORDELI (SAVESCU), Floricelel Maricelel DIMA, Magdalena TENCIU, Ionica BEJENARIU, Ionuț MARCU	RECYCLING AND CIRCULAR MANAGEMENT OF END-OF-LIFE FISHING NETS IN THE DANUBE RIVER BASIN: INTEGRATION OF RENEWABLE ENERGY AND THE DANUBE-BRATEȘ CASE STUDY
24	Nicoleta-Georgeta DOBROTĂ, Gheorghe DOBROTĂ, Silvia RADU, Mioara COSTACHE, Nino MARICA	DYNAMICS OF POST-EMBRYONIC GROWTH AND DEVELOPMENT OF THE SPECIES <i>Mylopharyngodon piceus</i> (R., 1846) IN CONTROLLED AQUACULTURE CONDITIONS

No.	Authors	Paper Title
25	Gheorghe DOBROTĂ, Nicoleta-Georgeta DOBROTĂ, Silvia RADU, Nino MARICA	THE INFLUENCE OF FEEDING FREQUENCY ON PIKEPERCH ( <i>Sander luciperca</i> , Linnaeus, 1758) DURING THE POST-EMBRYONIC DEVELOPMENT PERIOD IN PROTECTED AQUACULTURE SYSTEMS
26	Ionica BEJENARIU, Elena SÎRBU, Florice! Marice! DIMA, Veta NISTOR, Viorica SAVIN, Marilena Florentina (LĂCĂTUȘ) HURDUC, Anca Nicoleta SĂVESCU (CORDELI)	EFFECTS OF DIETARY SPIRULINA ON THE GROWTH AND HEALTH STATUS OF CARP ( <i>Cyprinus carpio</i> , Linnaeus 1758)
27	Robert Daniel NEAGU, Isidora RADULOV, Mariana-Atena POIANA, Despina-Maria BORDEAN, Adina BERBECEA, Delia-Gabriela DUMBRAVA, Camelia MOLDOVAN, Mirela-Viorica POPA, Carmen Daniela PETCU, Diana Nicoleta RABA	IMPACT OF HABITAT ORIGIN ON THE MICRO- AND MACROELEMENT PROFILE OF COMMON CATFISH ( <i>Silurus glanis</i> )
28	Elena SÎRBU, Veta NISTOR, Florice! Marice! DIMA, Ionica BEJENARIU, Viorica SAVIN, Anca Nicoleta SĂVESCU (CORDELI), Marilena Florentina HURDUC (LĂCĂTUȘ), Mioara COSTACHE	ROLE OF DIETARY SUPPLEMENTATION IN THE GROWTH AND WELFARE OF JUVENILE CARP EXPOSED TO HIGH-TEMPERATURE REARING CONDITIONS
29	Stroe Maria DESIMIRA, Angelica DOBRE, Alina Nicoleta DOBRE, Gabriel ION, Dănuț MIREA, Florice! Marice! DIMA	MORPHOLOGICAL AND MERISTIC ANALYSIS OF MACROBRACHIUM NIPPONENSE POPULATIONS: IMPLICATIONS FOR ECOLOGICAL STABILITY IN LENTIC HABITATS OF THE DANUBE DELTA

No.	Authors	Paper Title
30	Mihaela Liana FERICEAN, Maria DINULESCU, Mihaela OStan, Olga RADA, Mihaela IVAN, Florin PRUNAR, Silvia PRUNAR, Mohamed ABDO, Aziz ŞATANA, Ioan BANATEAN DUNEA	SEASONAL BEHAVIORAL ECOLOGY AND HUMAN-ASSOCIATED RESPONSES OF THE EUROPEAN BISON ( <i>Bison bonasus</i> ) IN A SEMI-NATURAL RESERVE

# SESSION TECHNOLOGIES OF ANIMAL HUSBANDRY

*Session Chair: Lect. Danut Nicolae ENEA*

*Building A, 3rd floor, A III 136 Amphitheatre*

*Time: 15:15 – 17:00*

No.	Authors	Paper Title
1	Oleksandr MYKHALKO, Maryna LIESHCHOVA, Anatolii SHOSTIA, Bogdan GUTYJ, Victor SHUPLYK, Natalia SHCHERBATIUK, Svitlana USENKO, Liudmyla CHEPIL, Serhii VERBELCHUK, Diana ANDREEVA	HISTOLOGICAL STRUCTURE OF THE <i>Longissimus dorsi</i> MUSCLE IN NON- CASTRATED AND IMMUNOLOGICALLY CASTRATED PIGS AND ITS INFLUENCE ON CARCASS QUALITY INDICATORS
2	Radena NENOVA, Stanimir ENCHEV	ALTERNATIVES TO MINIMIZE THE USE OF ANTHELMINTICS IN BUFFALOES
3	Radena NENOVA, Stanimir ENCHEV	APPLICATION OF STEVIA AS AN ALTERNATIVE THERAPY IN BUFFALOES IN MODERN VETERINARY MEDICINE
4	Alin Andrei AFLOROAEI, Gabriela AMARITII, Vasile MACIUC	RESEARCH ON THE INFLUENCE OF TECHNOLOGICAL FACTORS ON PRODUCTIVE PERFORMANCE IN A BROWN CATTLE HERD
5	Gabriel BĂRBUȚĂ, Gabriela AMARIȚII, Vasile MACIUC	RESEARCH ON THE GENETIC VALUE OF A FLEKVIEH BREED HERD AND ITS INFLUENCE ON THE PRODUCTIVE LEVEL
6	Alla PETRENKO, Liubov LIAKHOVICH, Valentyna ZHYLINA, Svitlana GUJVINSKA, Dmytro HRINCHENKO, Iryna HONCHAROVA, Yuliia SOBAKAR	STUDY OF THE EFFECT OF A SYMBIOTIC SUPPLEMENT ON RABBIT PRODUCTIVITY, SURVIVAL AND BIOLOGICAL QUALITY OF MEAT

No.	Authors	Paper Title
7	Mihaela HĂBEANU, Anca GHEORGHE, Nicoleta Aurelia LEFTER, Teodor MIHALCEA	ADVANCES AND INNOVATIONS IN SERICULTURE - A REVIEW
8	Radena NENOVA, Stanislav BOZHIMIROV, Desislava IVANOVA, Neli DOCHEVA, Teodora ATANASOVA	STUDY OF THE INFLUENCE OF PHYTOEXTRACTS ON OVERCOMING NEONATAL HYPOGLYCEMIA IN FARM ANIMALS. REVIEW
9	Cristian Vasile ILISIU, Elena ILIȘIU, Daniela Rodica MARE, Vasile Calin ILISIU, Madalin MANOLE, Oana-Corina DORDESCU (PREȘA), Alexandru-Gabriel VARTIC	IMPACT OF FEEDING REGIMES ON GROWTH, CARCASS TRAITS, AND MEAT QUALITY IN RUSTY TSIGAI LAMBS
10	Constantin PASCAL, Claudia PÂNZARU, Marian FLOREA, Ionica NECHIFOR	EFFECT OF VITAMIN AND MINERAL NUTRITION ON REPRODUCTIVE PERFORMANCE IN BOTOȘANI KARAKUL MAIDEN EWES
11	Cristian-Vasile ILIȘIU, Elena ILIȘIU, Vasile - Călin ILIȘIU, Ion CĂLIN	PRODUCTIVE AND REPRODUCTIVE PERFORMANCE OF ROMANIAN SHEEP BREEDS AND THEIR F1 CROSSBREDS WITH GERMAN BLACKFACE: A COMPREHENSIVE REVIEW
12	Adina-Mirela ARITON, Silviu-Ionuț BORȘ, Ioana POROȘNICU, Vasile VINTILĂ	EFFECTS OF EARLY ADMINISTRATION OF AQUEOUS EXTRACTS IN MILK AS A PROPHYLACTIC ALTERNATIVE IN YOUNG CATTLE
13	Bianca Maria MADESCU, Mădălina MATEI, Mădălina Alexandra DAVIDESCU, Ioana BOLOHAN (ACORNICESEI), Ioana POROȘNICU, Eusebiu Gabriel STROIE, Paul Corneliu BOIȘTEANU	QUALITY ASSESSMENT OF <i>Longissimus dorsi</i> IN AUBRAC CATTLE: IMPLICATIONS FOR MEAT NUTRITION AND SUSTAINABILITY

No.	Authors	Paper Title
14	Ioana POROSNICU, Bianca-Maria MADESCU, Madalina-Alexandra DAVIDESCU, Adina-Mirela ARITON, Silviu-Ionuț BORȘ, Luminita-Iuliana AILINCAI, Mihai MAREȘ	PATTERNS OF FUNGAL COLONIZATION AND MYCOTOXIN OCCURRENCE IN FEEDS FOR DAIRY COWS: IMPLICATIONS FOR FEED SAFETY AND ANIMAL HEALTH
15	Alexandru USTUROI, Răzvan Mihail RADU-RUSU, Cătălin Emilian NISTOR, Dana TĂPĂLOAGĂ, Mădălina Alexandra DAVIDESCU, Marius Gheorghe DOLIS, Claudia PÂNZARU, Irina UNGUREANU, Laurian COJOCARIU, Marius Giorgi USTUROI	EVALUATION OF QUANTITATIVE AND QUALITATIVE TRAITS OF MEAT PRODUCTION IN ROSS 308 BROILER CHICKENS
16	Victoria CONSTANTIN, Livia VIDU, Ion RĂDUCUȚĂ, Rodica CHETROIU, Roxana ȘTEFAN (VASILIU), Monica Paula MARIN	IMPACT OF NUTRITION ON THE WELFARE OF DAIRY SHEEP AND GOATS RAISED IN ORGANIC SYSTEMS
17	Lorel Dorin UNGUREANU, Paul Rodian TĂPĂLOAGĂ, Lovita ADRIANI, Monica Paula MARIN	RESEARCH REGARDING THE MODERN WAYS TO IMPROVE BROILER PRODUCTION TECHNOLOGIES
18	Aurelia DEFTA (OSMAN), Livia VIDU, Gheorghe Emil MĂRGINEAN, Dănuț-Nicolae ENEA, Mirela Aurora STANCIU	MODERN TECHNOLOGIES IN DAIRY COW MANAGEMENT: IMPLICATIONS FOR ANIMAL WELFARE, PRODUCTIVITY, AND FARM SUSTAINABILITY
19	Mihaela Liana FERICEAN, Maria DINULESCU, Mihaela OSTAN, Olga RADA, Mihaela IVAN, Florin PRUNAR, Silvia PRUNAR, Mohamed ABDO, Aziz Șatana, Ioan BANATEAN DUNEA	COMPARATIVE ANALYSIS OF ETHOGRAMS IN MAJOR RUMINANT SPECIES RAISED IN EXTENSIVE AND INTENSIVE SYSTEMS

No.	Authors	Paper Title
20	Violeta Florentina CIBU (RADU), Andrada Elena MOISE, Ioan CUSTURĂ, Andra Dorina ȘULER, Hippolyte Mekuiko Watsop, Minodora TUDORACHE	THE IMPACT OF REARING SYSTEMS ON PRODUCTIVE PERFORMANCE IN MEAT-TYPE DUCKS
21	Gabriela BUNGET (MARCAN), Minodora TUDORACHE, Andra Dorina ȘULER, Gabriel DOBRESCU, Hippolyte MEKUIKO WATSOP, Ioan CUSTURĂ	REARING SYSTEMS IN GEESE: EFFECTS ON PERFORMANCE, MEAT QUALITY, GUT MICROBIOTA AND WELFARE
22	Gabriela ȚĂRANU- ILISEI, Paul - Rodian TĂPĂLOAGĂ, Dorin Lorel UNGUREANU, Monica Paula MARIN	INTEGRATED STRATEGIES FOR SALMONELLA CONTROL IN BROILER PRODUCTION SYSTEMS

# SESSION TECHNOLOGIES OF THE AGRO FOOD PRODUCTS PROCESSING

*Session Chair: Assoc. Prof. Nela DRAGOMIR*

*Building A, 2nd floor, A II a Amphitheatre*

*Time: 15:50 – 17:00*

No.	Authors	Paper Title
1	Mugurel COLA, Florica COLA	THE EFFECT OF CARBON DIOXIDE ON IMPROVING THE STORAGE QUALITY OF RAW COW MILK
2	Mihaela IVANOVA, Alexandar BALABANOV, Milena DIMITROVA-DICHEVA, Georgi GEORGIEV, Tristan JUYAUX, Nikolay KOLEV, Ivelina IVANOVA, Desislava VLAHOVA- VANGELOVA, Francesco VIZZARRI	SUSTAINABLE UTILIZATION OF ROSE PROCESSING BY-PRODUCT IN THE PRODUCTION OF WHITE BRINED CHEESE
3	Mihaila ZLATAROVA, Nikolina NAYDENOVA	FROM WASTE TO RESOURCE: MODERN APPROACHES TO WHEY UTILIZATION IN THE FOOD INDUSTRY
4	Tsvetelina DIMITROVA, Miroslav HRISTOV, Nikolay MARKOV	PHYSICOCHEMICAL AND SENSORY ANALYSIS OF “MOZZARELLA” CHEESE PRODUCED FROM THE MILK OF DIFFERENT CATTLE BREEDS
5	Anca LUPU, Iuliana BANU, Ina VASILEAN, Gabriela RAPEANU, Nicoleta STANCIUC, Iuliana APRODU	INVESTIGATIONS ON PUMPKIN PROTEINS ADDITION ON THE FUNCTIONAL AND RHEOLOGICAL BEHAVIOR THE GLUTEN-FREE FLOURS

No.	Authors	Paper Title
6	Denisa Eglantina DUȚĂ, Gabriela Daniela CRIVEANU- STAMATIE, Alina CULEȚU, Georgeta DINIȚĂ	PROCESSING OF CHICKPEAS FOR THE PRODUCTION OF MEAT- ANALOG PLANT-BASED FOODS
7	Ioan Bogdan PEȚ, Adelina VENIG UNGUR, Elena PEȚ	DETERMINANTS OF FOOD WASTE AMONG CONSUMERS: RESULTS FROM A CROSS-SECTIONAL STUDY
8	Paula Gabriela CAPRARU, Amalia Carmen MITELUT	NATURAL INGREDIENTS BASED STRATEGIES FOR REPLACING FAT, SALT AND SYNTHETIC ADDITIVES IN MEAT PRODUCTS REFORMULATION - A SYSTEMATIC REVIEW
9	Andreea GHITULESCU, Diana MOIGRADEAN, Daniela STOIN, Corina Iuliana MEGYESI, Diana-Nicoleta RABA, Delia-Gabriela DUMBRAVA, Ariana-Bianca VELCIOV, Carmen-Daniela PETCU, Mariana-Atena POIANA	SUSTAINABLE USE OF SEA BUCKTHORN BY-PRODUCT AS FUNCTIONAL INGREDIENT IN FOOD APPLICATIONS: TRENDS AND CHALLENGES
10	Corina Iuliana MEGYESI, Laura RADULESCU, Ariana-Bianca VELCIOV, Adrian RIVIS, Georgeta-Sofia POPESCU, Andreea GHITULESCU, Diana MOIGRADEAN, Carmen-Daniela PETCU, Nicoleta-Gabriela HADARUGA, Mariana-Atena POIANA	COMPARATIVE EVALUATION OF PROXIMATE COMPOSITION AND PHYTOCHEMICAL PROPERTIES OF BANANA, MANGO, AND PAPAYA PULP AND PEEL
11	Daniela IANIȚCHI, Paula POȘAN	THE INFLUENCE OF HERBS AND SEASONING OILS ON THE SHELF LIFE OF MEAT PRODUCTS

No.	Authors	Paper Title
12	Daniela STOIN, Calin JIANU, Ersilia ALEXA, Mariana-Atena POIANA, Ariana-Bianca VELCIOV, Sylvestre DOSSA, Corina MEGYESI, Diana MOIGRADEAN, Christine (NEAGU) DRAGOMIR, Carmen Daniela PETCU	IMPACT OF PARTIAL SUBSTITUTION OF WHEAT FLOUR WITH CHESTNUT FLOUR AND CHOKEBERRY ( <i>Aronia melanocarpa</i> ) POWDER ON THE NUTRITIONAL, FUNCTIONAL AND COOKING QUALITY OF PASTA
13	Diana MOIGRADEAN, Andreea GHITULESCU, Mariana-Atena POIANA, Daniela STOIN, Liana-Maria ALDA, Simion ALDA, Corina MEGYESI, Carmen-Daniela PETCU, Laura RADULESCU, Despina-Maria BORDEAN	COMPARATIVE ASSESSMENT OF SPICE MIXTURES ON THE OXIDATIVE STABILITY OF WALNUT OIL DURING STORAGE
14	Delia-Gabriela DUMBRAVA, Diana-Nicoleta RABA, Camelia MOLDOVAN, Mirela-Viorica POPA, Corina Dana MISCA, Diana-Veronica RADU, Mariana-Atena POIANA, Aurica-Breica BOROZAN, Carmen-Daniela PETCU	DEVELOPMENT AND COMPREHENSIVE EVALUATION OF CHICKPEA-BASED VEGAN CHEESE ALTERNATIVES: PHYSICOCHEMICAL, NUTRITIONAL, AND SENSORY PROFILES
15	Camelia MOLDOVAN, Viorica-Mirela POPA, Corina Dana MISCA, Diana-Nicoleta RABA, Diana Veronica DOGARU, Aurica-Breica BOROZAN, Carmen-Daniela PETCU, Delia-Gabriela DUMBRAVA	THE IMPACT OF EGGPLANT, ZUCCHINI, AND APPLE PEEL POWDER ADDITION ON THE PROXIMATE COMPOSITION, POROSITY AND SENSORY PROFILE OF SAVORY MUFFINS

No.	Authors	Paper Title
16	Roxana Georgiana BOBEICA, Laurian Cristian COJOCARIU, Cătălin Emilian NISTOR, Gabriel Vasile HOHA, Benone PĂȘĂRIN	TECHNOLOGICAL AND NUTRITIONAL EVALUATION OF PORK SAUSAGES ENRICHED WITH BUCKWHEAT, MUSHROOM POWDER, AND NATURAL ANTIOXIDANTS
17	Iuliana BORDEI, Ionela Florentina TOMA, Teofil Stefan VLAD, Georgiana Magdalena GHECIU PIRLEA, Elena Gabriela STAN, Carmen Georgeta NICOLAE	COMPARATIVE ANALYSIS OF PHEASANT MEAT TEXTURE FROM DIFFERENT REARING SYSTEMS (WILD VS. FARM RAISED)
18	Viorica-Mirela POPA, Aurica-Breica BOROZAN, Delia-Gabriela DUMBRAVA, Corina Dana MISCA, Camelia MOLDOVAN, Carmen Daniela PETCU, Mariana-Atena POIANA, Diana-Nicoleta RABA, Florina Adriana RADU	COMPARATIVE ANALYSIS OF ANTIOXIDANT ACTIVITY AND PHENOLIC CONTENT IN FRESH AND DRIED EDIBLE GREEN PLANTS
19	Diana-Gabriela GROPOȘILĂ- CONSTANTINESCU, Ioan-Nicolae RANGA, Gabriela-Lucica MĂRGĂRIT	QUALITY EVALUATION OF DIFFERENT TYPES OF TRADITIONAL HOMEMADE SYRUPS
20	Elena Gabriela STAN, Ioana Alexandra ALEXE, Gratiela Victoria BAHACHIU, Nela DRAGOMIR, Iuliana Ștefania BORDEI (BOLOLOI), Ioana Mihaela MIHĂLCOIU, Larisa Maria GEANTĂ, Maria Concetta DI BELLA	DEVELOPMENT AND QUALITY ASSESSMENT OF MOCHI ASSORTMENTS: IMPACT OF CUSTOM-PROCESSED VEGETABLE AND FRUIT POWDERS ON FROZEN STABILITY

No.	Authors	Paper Title
21	George STATE, Monica Paula MARIN, Carmen Georgeta NICOLAE, Andra Dorina ŞULER, Andrada Elena MOISE, Daniela Valentina VATAMANU, Gratiela Victoria BAHACIU	STRENGTHENING FOOD SAFETY MANAGEMENT SYSTEMS THROUGH PROCESS OPTIMIZATION AND WORKFORCE TRAINING: IMPLICATIONS FOR PUBLIC HEALTH
22	Ioana CRIVEI, Roxana Nicoleta RATU, Ionut Dumitru VELESCU, Florina STOICA, Bianca Andreea BALINT, Vlad Nicolae ARSENOAIA, Florin Daniel LIPSA, Bogdan Ionel CIOROIU	HEAVY METAL NOTIFICATIONS IN RASFF: PATTERNS, PRODUCT CATEGORIES, AND IMPLICATIONS FOR FOOD AND FEED SAFETY
23	Gabriela FRUNZA	QUALITY ANALYSIS OF SOME BOILED-SMOKED PORK LOIN
24	Mihai Catalin CIOBOTARU, Bianca Georgiana ANCHIDIN, Diana-Remina MANOLIU, Adnana-Gabriela SANDU, Marius-Mihai CIOBANU	INFLUENCE OF GINGER POWDER AND PICKLED GINGER ON THE SENSORY CHARACTERISTICS OF EMULSIFIED CHICKEN MEAT PRODUCTS
25	Cristina TABUREANU, Bianca-Georgiana ANCHIDIN, Adnana-Gabriela SANDU, Marius-Mihai CIOBANU, Paul-Corneliu BOISTEANU	EFFECTS OF PAPAIN AND BROMELAIN ADDITION ON THE PHYSICOCHEMICAL AND TEXTURE PROFILE PROPERTIES OF SUMMER SALAMI
26	Mihai Cătălin CIOBOTARU, Bianca Georgiana ANCHIDIN, Diana-Remina MANOLIU, Adnana-Gabriela SANDU, Marius-Mihai CIOBANU	EFFECT OF FLAXSEED AND SESAME FLOUR INCORPORATION ON SENSORY ATTRIBUTES AND CONSUMER ACCEPTABILITY OF HETEROGENEOUS SAUSAGES

No.	Authors	Paper Title
27	Adnana Gabriela SANDU, Bianca-Georgiana ANCHIDIN, Diana-Remina MANOLIU, Mihai Cătălin CIOBOTARU, Ioana GUCIANU, Marius-Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	EFFECT OF KOMBUCHA- ENRICHED BRINE ON THE TENDERIZATION OF INJECTED BEEF: IMPLICATIONS FOR TEXTURE PROFILE, PHYSICOCHEMICAL PROPERTIES, AND SENSORY ACCEPTABILITY
28	Bianca Georgiana ANCHIDIN, Mihai-Cătălin CIOBOTARU, Florina STOICA, Elena-Iuliana FLOCEA, Marius-Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	RED LENTIL FLOUR IN PORK SAUSAGES: A MODERN STRATEGY FOR QUALITY IMPROVEMENT AND SENSORY STABILITY
29	Simona-Mihaela COȘARCĂ, Ioana GUCIANU, Diana-Remina MANOLIU, Bianca-Georgiana ANCHIDIN, Cătălin-Mihai CIOBOTARU, Constantin-Dragoș DUMITRAȘ, Marius-Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	THE EFFECT OF INJECTING <i>Aronia melanocarpa</i> JUICE ON THE TEXTURAL, PHYSICOCHEMICAL AND SENSORY CHARACTERISTICS OF SMOKED CHICKEN BREAST ( <i>Musculus pectoralis</i> )
30	Elena-Iuliana FLOCEA, Ioana GUCIANU, Sebastian LUCACI, Bianca Georgiana ANCHIDIN, Andromeda PĂTRAȘCU SONEA, Florin-Daniel LIPȘA, Marius-Mihai CIOBANU, Paul-Corneliu BOIȘTEANU	EFFECT OF SALT CONCENTRATION ON MICROBIAL STABILITY AND QUALITY EVOLUTION OF CARP ( <i>Cyprinus carpio</i> ) ROE DURING MATURATION
31	Marius-Mihai CIOBANU, Traian CRĂCIUNAȘ, Bianca-Georgiana ANCHIDIN, Mugurel MUNTEANU, Gabriela FRUNZĂ, Paul-Corneliu BOIȘTEANU	GAME MEAT AND CONVENTIONAL MEAT: A COMPARATIVE REVIEW OF NUTRITIONAL COMPOSITION AND TECHNOLOGICAL CHARACTERISTICS





## Section 4

# **VETERINARY MEDICINE**

## SCIENTIFIC COMMITTEE OF VETERINARY MEDICINE SECTION

- Larry ADAMS - Purdue University College of Veterinary Medicine, Indiana, USA
- Sanda ANDREI - Faculty of Veterinary Medicine, USAMV of Cluj-Napoca, Romania
- Dragoş ANIŢĂ - Faculty of Veterinary Medicine, USV of Iaşi, Romania
- Sarah BAILLIE - Bristol Veterinary School, University of Bristol, UK
- Stelian BĂRĂITĂREANU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Cinzia BENAZZI - Veterinary Medical Sciences, University of Bologna, Italy
- Laurentiu BENGA - Veterinary Laboratory of the Central Unit for Animal Research and Welfare Affairs, University Hospital, Heinrich Heine University Dusseldorf, Germany
- Cornel CĂTOI - Faculty of Veterinary Medicine, USAMV of Cluj-Napoca, Romania
- Mihai CENARIU - Faculty of Veterinary Medicine, USAMV of Cluj-Napoca, Romania
- Emilia CIOBOTARU-PÎRVU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Nicoleta CIOCÎRLIE - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Iuliana CODREANU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Mario CODREANU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Cristin COMAN - National Institute for Medical-Military Research and Development "Cantacuzino", Romania
- Eugenia DUMITRESCU - Faculty of Veterinary Medicine, USV from Timisoara, Romania
- Nicodim FIŢ - Faculty of Veterinary Medicine, USAMV of Cluj-Napoca, Romania
- Claudio GENCHI - Dep. of Veterinary Sciences and Public Health, University of Milan, Italy
- Anja KIPAR - Institute of Veterinary Pathology, Vetsuisse Faculty Zurich, University of Zurich, Switzerland
- Mihai MAREŞ - Faculty of Veterinary Medicine, USV of Iaşi, Romania
- Liviu Dan MIRON - Faculty of Veterinary Medicine, USV of Iaşi, Romania
- Dumitru MILITARU - Academy of Agricultural and Forestry Sciences "Gheorghe Ionescu-Şişeşti", Bucharest, Romania
- Manuella MILITARU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Sorin MORARIU - Faculty of Veterinary Medicine, USV from Timişoara, Romania
- Florin MUSELIN - Faculty of Veterinary Medicine, USV from Timişoara, Romania
- Domenico OTRANTO - Università degli Studi di Bari Aldo Moro, Italy
- Sorin PAŞCA - Faculty of Veterinary Medicine, USV of Iaşi, Romania
- Gheorghe SOLCAN - Faculty of Veterinary Medicine, USV of Iaşi, Romania
- Dana TĂPĂLOAGĂ - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Laurenţiu TUDOR - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania
- Constantin VLĂGIOIU - Faculty of Veterinary Medicine, USAMV of Bucharest, Romania

## ORGANIZING COMMITTEE OF VETERINARY MEDICINE SECTION

- Assoc. Prof. Iuliana IONAŞCU, PhD
- Prof. Mario CODREANU, PhD
- Assoc. Prof. Gheorghe Valentin GORAN, PhD
- Prof. Laurenţiu TUDOR, PhD
- Assoc. Prof. Gabriel GĂJĂILĂ, PhD
- Assoc. Prof. Nicoleta CIOCÎRLIE, PhD
- Prof. Dana TĂPĂLOAGĂ, PhD
- Prof. Stelian BĂRĂITĂREANU, PhD
- Assoc. Prof. Niculae TUDOR, PhD
- Assoc. Prof. Petronela Mihaela ROŞU, PhD
- Assoc. Prof. Ionuţ Răzvan DOBRE, PhD
- Lect. Emanuela BADEA, PhD
- Assist. Prof. Diana MIHAI, PhD
- Marilena CHEREJI
- Ionuţ PĂCURAR

## **SECTION 4 – VETERINARY MEDICINE**

*Veterinary Medicine Section Chairman:*  
*Assoc. Professor Iuliana IONAȘCU, PhD*

*Veterinary Medicine Section Raporteur:*  
*Professor Emilia CIOBOTARU-PÎRVU, PhD*

**Venue:**  
**University of Agronomic Sciences and Veterinary Medicine of Bucharest**  
**Faculty of Veterinary Medicine**  
**E-mail:** [agricultureforlife@usamv.ro](mailto:agricultureforlife@usamv.ro)  
**Web:** <https://agricultureforlife.usamv.ro>

## THURSDAY, JUNE 04, 2026

*Faculty of Veterinary Medicine of Bucharest,  
105 Splaiul Independenței, 5<sup>th</sup> District, Bucharest*

Time	Activity	Location
08:00 – 09:00	Registration of participants	UASVM of Bucharest, Rectorate Building, Ground Floor, Main Hallway – in front of “PS Aurelian” Aula
14:00 – 14:15	Official Opening of the Conference Section 4	Building 2, Main Building, 1 <sup>st</sup> Floor - “Alexandru Locusteanu” Amphitheatre
14:15 – 16:35	Oral Papers Session: Presentations & Discussions	Building 2, Main Building, 1 <sup>st</sup> Floor - “Alexandru Locusteanu” Amphitheatre
16:35 – 17:00	Coffee break	Building 2, Main Building, Ground Floor – Inner courtyard
17:00 – 18:00	ePosters Session: Presentations & Discussions	Building 2, Main Building, 1 <sup>st</sup> Floor - “Alexandru Locusteanu” Amphitheatre
18:00 – 18:15	Final discussions and conclusions; Closing Ceremony	Building 2, Main Building, 1 <sup>st</sup> Floor - “Alexandru Locusteanu” Amphitheatre
19:00 – 21:30	Official Gala Dinner – Cultural Event (Ceres Restaurant, USAMV Campus)	<a href="https://agricultureforlife.usamv.ro/index.php/my-area/v-gala-dinner-and-technical-visits">https://agricultureforlife.usamv.ro/index.php/my-area/v-gala-dinner-and-technical-visits</a>

## SATURDAY, JUNE 06, 2026

08:00 – 18:00	Conference technical tours	<a href="https://agricultureforlife.usamv.ro/index.php/my-area/v-gala-dinner-and-technical-visits">https://agricultureforlife.usamv.ro/index.php/my-area/v-gala-dinner-and-technical-visits</a>
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# DETAILED PROGRAMME

**Day 1, Thursday, 4<sup>th</sup> of June, 2026**

*Building 2, Main Building, 1<sup>st</sup> Floor - "Alexandru Locusteanu" Amphitheatre*

**Time: 14:00 – 16:35**

## ORAL PAPER PRESENTATIONS SESSION

FUNDAMENTAL SCIENCES

CLINICAL SCIENCES

ANIMAL PRODUCTION, PUBLIC HEALTH AND FOOD QUALITY CONTROL

VETERINARY EDUCATION

EXPERIMENTAL MEDICINE

MISCELLANEOUS

*Session Moderators:*

*Professor Sanda ANDREI, PhD*

*Assoc. Professor Iuliana IONAȘCU, PhD*

*Professor Mario CODREANU, PhD*

*Professor Laurențiu TUDOR, PhD*

Time	Authors	Paper Title
14:00 – 14:15	<i>Conference Section 4</i> <i>Opening</i>	<i>Opening words, messages from guests</i>
14:15 – 14:25 ONLINE	Mohamed SHAALAN	NANOTECHNOLOGY RESEARCH IN VETERINARY MEDICINE: ADDRESSING GLOBAL CHALLENGES IN THE ANIMAL HEALTH SECTOR
14:25 – 14:35	Rita GOLBAN	MICROBIOLOGICAL CONTRIBUTIONS TO THE KNOWLEDGE OF THE MICROFLORA OF SOME VARIETY OF COMMERCIALIZED MEAT
14:35 – 14:45	Mara AURORI, Eموke PALL, Mihai CENARIU, Mihaela NICULAE, Nicodim FIȚ, Cristiana NOVAC, Sanda ANDREI	FORGOTTEN FRUITS, SOLUTIONS FOR VETERINARY MEDICINE: CORNUS MAS AND SORBUS AUCUPARIA FRUITS IN URINARY TRACT INFECTIONS AND RENAL PROTECTION

Time	Authors	Paper Title
14:45 – 14:55	Lucian-Mihai MERCAN, Grigore MIHĂESCU, Alina-Maria HOLBAN, Elena Narcisa POGURSCHI, Andreea-Maria PÎNDARU, Elena DRĂGULESCU	POLYPHENOL-GENTAMICIN SYNERGY AGAINST MULTIDRUG- RESISTANT GRAM-NEGATIVE BACTERIA
14:55 – 15:05	Ionel PAPUC	HUMAN-DOG INTERACTION IN EMOTIONAL REGULATION: ANIMAL- ASSISTED INTERVENTIONS VS. CLASSICAL PSYCHOTHERAPEUTIC INTERVENTIONS
15:05 – 15:15	Nicoleta CIOCÎRLIE, Gheorghe Valentin GORAN	AI - ONE HEALTH AND VETERINARY MEDICINE
15:15 – 15:25	Seralp UZUN, Jacqueline MOCANU, Iuliana IONAȘCU, Mateusz PAWLIK, Daria Teodora GĂNESCU	SURGICAL STABILIZATION OF FLAIL CHEST IN CATS USING FIRST GEN U- GRIP ANATOMICAL PLATES: THREE CLINICAL CASES
15:25 – 15:35	Seralp UZUN, Jacqueline MOCANU, Iuliana IONAȘCU	CLINICAL MANAGEMENT OF PYOTHORAX IN CATS: DIAGNOSTIC AND THERAPEUTIC CONSIDERATIONS
15:35 – 15:45	Cătălina Nicoleta BOIȚEANU	RECENT ADVANCES IN QPS MICROORGANISMS FOR FOOD AND FEED SAFETY, A PUBLIC HEALTH OVERVIEW
15:45 – 15:55	Ramona-Florina JINGA, Elena-Gabriela IVĂNUȘ, Andreea-Georgiana STANCIU, Maria-Rodica GURĂU, Elvira GAGNIUC, Emilia CIOBOTARU- PÎRVU	OUTBREAK OF MAREK'S DISEASE IN GALAȚI COUNTY, ROMANIA: A CASE STUDY

Time	Authors	Paper Title
15:55 – 16:05	Andreea-Georgiana STANCIU, Ana-Alexandra DOBRIN, Ramona-Florina JINGA, George Laurențiu NICOLAE, Elvira GAGNIUC, Raluca-Elena TIU, Emilia CIOBOTARU-PÎRVU	A REVIEW OF INFECTIOUS ABORTION IN HORSES: ETIOLOGIC AGENTS, PATHOGENESIS, DIAGNOSIS AND PREVENTION
16:05 – 16:15	Aisha HAMEED, Alexandru Gabriel NEAGU, Ruxandra PAVEL, Ruxandra COSTEA	PERIANESTHETIC MANAGEMENT OF DOGS WITH INTRACRANIAL PATHOLOGY UNDERGOING MAGNETIC RESONANCE IMAGING
16:15 – 16:25	Cătălina Ruxandra BICAN, Iustin Gabriel URSICĂ, Ruxandra COSTEA	OPTIMIZATION OF THE DIAGNOSIS AND THERAPY OF PAIN IN DIFFERENT SPECIES
16:25 – 16:35	Claudia DÎRLĂ, Maria Rodica GURĂU, Fănel OȚELEA, Doina DANEȘ, Stelian BĂRĂITĂREANU, Marius Andrei MĂNESCU, Mihai TURCITU	IMPROVING ASFV SURVEILLANCE: OPTIMISATION OF NUCLEIC ACID EXTRACTION AND VALIDATION OF A ROBUST REAL-TIME PCR WORKFLOW
16:35 – 17.00	<i>Coffee break</i>	<i>Building 2, Main Building, Ground Floor - Inner courtyard</i>

# DETAILED PROGRAMME

**Day 1, Thursday, 4<sup>th</sup> of June, 2026**

*Building 2, Main Building, 1<sup>st</sup> Floor - "Alexandru Locusteanu" Amphitheatre*

**Time: 17:00 – 18:00**

## ePOSTERS SESSION

FUNDAMENTAL SCIENCES

CLINICAL SCIENCES

ANIMAL PRODUCTION, PUBLIC HEALTH AND FOOD QUALITY CONTROL

VETERINARY EDUCATION

EXPERIMENTAL MEDICINE

MISCELLANEOUS

### *Session Moderators:*

*CSI Cristin COMAN, PhD*

*Assoc. Professor Nicoleta CIOCÎRLIE, PhD*

*Assoc. Professor Gabriel GÂJĂILĂ, PhD*

*Assoc. Professor Gheorghe Valentin GORAN, PhD*

Time	Authors	Paper Title
17:00 – 17:03	Petya STOYANOVA, Gergana BALIEVA	INTEREST, USE, AND PERCEIVED EFFICACY OF ALTERNATIVE THERAPIES IN ANIMALS AMONG VETERINARY PROFESSIONALS IN BULGARIA
17:03 – 17:06	Dorin ȚOGOE, Cătălin MICȘA, Florin DUMITRESCU, Iustin URSICĂ	CASE REPORT: A COMPARATIVE STUDY OF THE REMOVAL OF A LARGE RECTAL POLYP USING A HYBRID TECHNIQUE THAT COMBINES ENDOSCOPIC SUBMUCOSAL DISSECTION WITH TRANS-ANAL RECTOSCOPIC-ASSISTED MINIMALLY INVASIVE SURGERY - INSIGHTS FROM PAEDIATRIC AND SMALL ANIMAL SURGERY

Time	Authors	Paper Title
17:06 – 17:12	Gheorghe Valentin GORAN	ADVANCING VETERINARY EDUCATION THROUGH CIVME'S GLOBAL NETWORKS AND GRANT-SUPPORTED RESEARCH
17:12 – 17:15	Nicoleta Andreea MINCĂ, Dorin ȚOGOE, Niculae TUDOR, Alina ȘTEFĂNESCU, Lucian IONIȚĂ	THE USE OF SERUM BIOMARKERS IN MONITORING CARDIAC ONCOPATHIES IN COMPANION ANIMALS.
17:15 – 17:18	Radu-Ștefan DRAGOMIRESCU, Oana Cristiana VASILIU, Ovidiu Ionuț GEICU, Andreea Iren ȘERBAN	MOLECULAR DETECTION OF CORONAVIRUSES (CORONAVIRIDAE) BY RT-QPCR IN BATS FROM A WILDLIFE REHABILITATION CENTRE IN ROMANIA
17:18 – 17:21	Mariana VĂDUVA, Diana - Larisa ANCUȚA, Ruxandra - Mihaela TUBAC, Cristin COMAN	ANIMAL MODELS OF SKIN INFECTIONS AND TREATMENT WITH ESSENTIAL OILS - REVIEW
17:21 – 17:24	Cosmin MATEESCU, Alexandra Mihaela CRISTIAN, Romanița MATEESCU, Mario CODREANU, Maria Andrada MATEESCU, Constantin VLĂGIOIU	UROLITHIASIS ÎN WILD FELIDES
17:24 – 17:27	Florica STĂNICĂ (ION), Constantin SAVU, Mariana Cristina TRIFAN (ARCADE), Mioara COSTACHE, Alin BARBU	RESEARCH ON THE MICROBIOLOGICAL QUALITY OF FISH MEAT FROM AQUACULTURE
17:27 – 17:30	Bianca LUNGU (GROSEANU), Stelian BĂRĂITĂREANU	BIOSECURITY AND ITS IMPACT ON MAMMARY GLAND HEALTH IN ROMANIAN DAIRY FARMS

Time	Authors	Paper Title
17:30 – 17:33	Georgeta FILIP, Stelian BĂRĂITĂREANU	SEVERE MULTISYSTEMIC FELINE CALICIVIRUS INFECTION WITH EXTENSIVE ORAL AND DERMATOLOGICAL INVOLVEMENT: A CASE REPORT
17:33 – 17:36	Anca ANGHEL, Andrei Ovidiu TĂNASE	A SHORT REVIEW REGARDING THE ACROPODIAL PATHOLOGY OF SHEEP – ETIOLOGY, CLASSIFICATION AND TREATMENT METHODS
17:36 – 17:39	Mihaela-Felicia SITARU, Elvira GAGNIUC, Manuella MILITARU	BRONCHOALVEOLAR LAVAGE AS A DIAGNOSTIC TOOL FOR CALF PNEUMONIA IN THE BOVINE RESPIRATORY DISEASE COMPLEX
17:39 – 17:42	Ioan-Ștefan PRICOP, Cosmin ȘONEA, Emanuela BADEA, Gheorghe-Valentin GORAN	ESSENTIAL MINERALS AND TOXIC ELEMENTS IN ANIMAL- AND PLANT-DERIVED FOODS: OCCURRENCE, DIETARY EXPOSURE, RISK-BENEFIT BALANCE, AND FOOD SAFETY IMPLICATIONS
17:42 – 17:45	Anca ANGHEL, Cătălin MICȘA, Andrei Ovidiu TĂNASE	CLINICAL MANAGEMENT AND CONTROL OF OVINE FOOTROT ON A SHEEP FARM IN ARGEȘ COUNTY, ROMANIA
17:45 – 17:48	Mihaiță IORDACHE, Emanuela BADEA, Gheorghe Valentin GORAN	HAIR AS A BIOMARKER OF HEAVY METAL EXPOSURE IN CATTLE: METHODOLOGICAL CONSIDERATIONS, VALIDATION, AND ONE HEALTH RELEVANCE
17:48 – 17:51	Marius-Mihai BĂDULESCU, Alexandru Gabriel NEAGU, Raluca Mihaela TURBATU, Ruxandra Georgiana PAVEL, Niculae TUDOR, Constantin VLĂGIOIU	MAGNETIC RESONANCE IMAGING DIAGNOSIS OF WOBBLER SYNDROME IN DOGS

Time	Authors	Paper Title
17:51 – 17:54	Romanița MATEESCU, Alexandra Mihaela CRISTIAN, Cosmin MATEESCU, Maria Andrada MATEESCU, Constantin VLĂGIOIU	PANCREATIC INSULINOMA IN A DOG - CASE STUDY
17:54 – 17:57	Dimitrie-Vlad NEAGU, Ioan-Ștefan PRICOP, Ștefania Mariana RAITA	WET VERSUS DRY DIETS IN DOMESTIC CATS: NUTRITIONAL COMPOSITION, WATER INTAKE, METABOLIC EFFECTS, UROLITHIASIS RISK, AND HEALTH IMPLICATIONS
17:57 – 18.00	Mihai-Romeo DINICĂ, Andrei CĂLINOIU	ASSESSMENT OF MUSCLE TISSUE CAPILLARY DENSITY AND ITS IMPACT ON MICRONUTRIENT CONTENT IN GAME SPECIES
18:00 – 18.15	<i>Final discussions and conclusions; Closing Ceremony</i>	<i>Building 2, Main Building, 1<sup>st</sup> Floor - "Alexandru Locusteanu" Amphitheatre</i>
19:00 – 21:30	<i>Official Gala Dinner – Cultural Event</i>	<i>Ceres Restaurant – USAMV of Bucharest</i>





## Section 5

**LAND RECLAMATION, EARTH  
OBSERVATION & SURVEYING,  
ENVIRONMENTAL ENGINEERING**

**SCIENTIFIC COMMITTEE OF  
LAND RECLAMATION, EARTH OBSERVATION & SURVEYING,  
ENVIRONMENTAL ENGINEERING SECTION**

- Alexandru BADEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest / Romanian Space Agency, Romania
- Stefano CASADEI - University of Perugia, Italy
- Fulvio CELICO - University of Molise, Italy
- Carmen CIMPEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Sorin Mihai CIMPEANU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Andrea DOMINIJANNI - Politecnico di Torino, Dipartimento di Ingegneria Strutturale, Edile e Geotecnica (DISEG), Torino, Italy
- Claudiu DRAGOMIR - University of Agronomic Sciences and Veterinary Medicine of Bucharest / National Institute for Research and Development - URBAN-INCERC, Bucharest, Romania
- Eric DUCLOS-GENDREU - Spot Image, GEO-Information Services, France
- Radu Claudiu FIERASCU - National Institute for Research & Development in Chemistry and Petrochemistry - ICECHIM Bucharest/National University of Science and Technology POLITEHNICA Bucharest, Romania
- Jean-Luc HORNICK - Université de Liège, Belgium
- Catalina ITICESCU - "Dunarea de Jos" University of Galati, Romania
- Bela KOVACS - University of Debrecen, Hungary
- Hossein KAZEMI - Gorgan University of Agricultural Sciences and Natural Resources (GUASNR), Gorgan, Iran
- Raluca MANEA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Alina ORTAN - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Maria Jose ORUNA CONCHA - University of Reading, United Kingdom
- Jovan Br. PAPIC - University "Ss. Cyril and Methodius", Faculty of Civil Engineering, Skopje, North Macedonia
- Nelson PÉREZ-GUERRA - University of Vigo, Spain
- Nicolae PETRESCU - Valahia University Targoviste, Romania
- Dorin Dumitru PRUNARIU - Romanian Space Agency, Romania
- Andrei Victor SANDU - "Gheorghe Asachi" Technical University of Iasi, Romania
- Umut Gunes SEFERCIK - Gebze Technical University, Turkey
- Ando SHIN - Tokyo University of Science, Japan
- Jesus SIMAL-GANDARA - University of Vigo, Spain
- Marisanna SPERONI - Centro di Ricerca Zootecnica e Acquacoltura, Consiglio per la Ricerca in Agricoltura e L'analisi Dell'economia Agraria (CREA), Italy
- Razvan TEODORESCU - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Augustina Sandina TRONAC - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Ana VIRSTA - University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
- Neven VOĆA - University of Zagreb, Croatia

## **ORGANIZING COMMITTEE**

- Augustina TRONAC
- Ana VIRSTA
- Alina ORTAN
- Simona MARCU-SPINU
- Andreea OLTEANU
- Raluca MANEA
- Carmen CIMPEANU
- Ovidiu JERCA
- Mihaela DRAGOI

## **VENUE**

**University of Agronomic Sciences and Veterinary Medicine of Bucharest  
Faculty of Land Reclamation and Environmental Engineering**

**Adress:** 59 Marasti Blvd, District 1, Zip code 011 464

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# DETAILED PROGRAMME

## Day 1 – Thursday, June 4

### Session Moderators:

*Ph.D. Sigurd SANNAN, SINTEF Energy Research, Norway*

*Prof. Ph.D. Habil. Lucian COPOLOVICI, "Aurel Vlaicu" University of Arad*

*Assoc. Prof. Ph.D. Ovidiu Ionut JERCA, USAMV of Bucharest*

Time	Authors	Paper Title
14:30 – 14:45	<i>Official Opening of the Conference Section</i>	<i>FIFIM Building, 2nd Floor, AII2</i>
14:45 – 16:05	<i>Paper presentation - Session I</i>	<i>FIFIM Building, 2nd Floor, AII2</i>
14:45 – 15:05	<b>Keynote Speaker</b> <b>Sigurd SANNAN</b>	DEVELOPMENTS IN HEAT PUMP TECHNOLOGIES
15:05 – 15:15	Alexandru Florin SIMION, Angelica Nicoleta GAMAN, Sorin Victor SIMION, Marius Emilian KOVACS	PHOTOCHEMICAL DEGRADATION OF IMIDACLOPRID IN WATER UNDER UV RADIATION THROUGH CFD MODELING
15:15 – 15:25	Bogdan ILIE, Ana BUTCARU, Tiberiu ION, Ovidiu Ionut JERCA	A LOW-COST, OPEN-SOURCE APPROACH FOR SENSOR-BASED LIGHT MANAGEMENT IN PROTECTED CULTIVATION SYSTEMS
15:25 – 15:35	Patricia MOCANU, Adriana PIENARU, Dragos DRACEA	THE INFLUENCE OF THE ROUGHNESS OF TRAPEZOIDAL IRRIGATION CHANNELS ON WATER LOSSES
15:35 – 15:45	Ioana-Loredana GHIURCO, Carla-Maria APARASCHIVE, Adela-Maria NEAG, Iulia-Ecaterina MORA, Păunița BOANCĂ, Sonia BODEA, Denisa JUCAN, Catalina DAN, Adriana F. SESTRAS	TREE COMMUNITY PATTERNS IN RELATION TO EDGE INFLUENCE IN A PERI-URBAN FOREST NEAR CLUJ-NAPOCA, ROMANIA

Time	Authors	Paper Title
15:45 – 15:55	Carla-Maria APARASCHIVE, Alina M. TRUTA, Irina M. MORAR, Tania MIHAIESCU, Claudia BALINT, Alexandra MURESAN, Catalina DAN, Adriana F. SESTRAS	MINERAL COMPOSITION OF <i>VACCINIUM VITIS-IDAEA</i> FRUITS ACROSS DIFFERENT MOUNTAIN HABITATS
15:55 – 16:05	Daniel TOADERE, Nicoleta ILIEȘ, Ioan PETRAN	GEOTECHNICAL ENGINEERING AND SOIL MANAGEMENT: LEGAL GAPS AND ENVIRONMENTAL CONSIDERATIONS
16:05 – 16:30	<i>Coffee break</i>	
16:30 – 17:00	<b>Paper presentation - Session II</b>	<b>FIFIM Building, 2nd Floor, AII2</b>
16:30 – 16:40	Adriana-Magdalena PIENARU, Dragos DRACEA	THE USE OF PHOTOVOLTAIC ENERGY IN IRRIGATION SYSTEMS
16:40 – 16:50	Flavia BORTES, Lucian COPOLOVICI, Cristian MOISA, Andreea LUPITU, Dana COPOLOVICI	THE DUAL CHALLENGE OF CO <sub>2</sub> AND OZONE: INSIGHTS INTO PHOTOSYNTHESIS, VOC EMISSION AND BIOCHEMICAL RESPONSES
16:50 – 17:00	Marta Cristina ZAHARIA, Augustina Sandina TRONAC, Claudiu Sorin DRAGOMIR	LABORATORY STUDIES AND MEASUREMENTS FOR THE IDENTIFICATION OF THE ACOUSTIC FOOTPRINT AND THE IMPACT NOISE PRODUCED BY WALKING OF PERSONS WEARING DIFFERENT TYPES OF FOOTWEAR
17:00 – 18:00	<b>Poster Session I and discussions</b> <i>Session Moderators:</i> <i>Assoc. Prof. Ph.D. Constanta MIHAI, USAMV of Bucharest</i> <i>Lect. Ph.D. Simona MARCU-SPINU, USAMV of Bucharest</i>	
19.00 – 21.30	<i>Official Gala Dinner, Ceres Restaurant, USAMV Campus</i>	

## Day 2 – Friday, June 5

*FIFIM Building, 2nd Floor, AII2*

### *Session Moderators:*

*Ph.D. Cristian PETCU, URBAN-INCERC*

*Assoc. Prof. Ph.D. Tatiana OLINIC, USAMV of Bucharest*

Time	Authors	Paper Title
08:00 – 09:00	<i>Arrival and registration of participants</i>	<i>FIFIM Building, 2nd Floor</i>
09:00 – 11:00	<i>Opening session and Paper presentation - Session III</i>	<i>FIFIM Building, 2nd Floor, AII2</i>
09:00 – 09:20	<b>Keynote Speaker</b> <b>C. Marcelo CEVALLOS VALLEJOS</b>	PLASTIC MULCHING STRATEGIES FOR IMPROVING ANDEAN CROP PRODUCTION IN ECUADOR
09:20 – 09:40	<b>Keynote Speaker</b> <b>Octavian Laurentiu BALOTA</b>	LiDARMAP: A NEW STEREO-BASED APPROACH FOR FAST 3D FEATURE EXTRACTION FROM LIDAR DATA
09:40 – 09:50	Izabella MARIN LAZAR	ASPECTS REGARDING CLIMATE RESILIENCE AND URBAN HEAT ISLAND EFFECT MITIGATION IN URBAN AREAS RENOVATION PROJECTS
09:50 – 10:00	Cristiana SIRBU	THE FUTURE OF SUSTAINABLE DEVELOPMENT IN THE CONTEXT OF ARTIFICIAL INTELLIGENCE
10:00 – 10:10	Daniel-Marcel MANOLI, Alina TATOMIR, Elena-Mihaela STAN, Cristian-Stefan BARBU, Andrei-Dan SABAU	THERMAL AND MECHANICAL PERFORMANCE OF GROUTING MATERIALS IN GEOTHERMAL BOREHOLES: IMPLICATIONS FOR HEAT TRANSFER EFFICIENCY AND ENVIRONMENTAL PERSPECTIVE

Time	Authors	Paper Title
10:10 – 10:20	Bogdan ILIE, Ana BUTCARU, Tiberiu ION, Ovidiu Ionut JERCA	INTERNAL AIR RECIRCULATION FOR CONDENSATION RISK CONTROL IN PASSIVE SOLAR GREENHOUSES
10:20 – 10:30	Stefan Florin BALAN, Bogdan Felix APOSTOL	OPTIONAL MEASURES TO PROTECT HERITAGE BUILDINGS FROM SEISMIC VULNERABILITY
10:30 – 10:40	Helmuth KÖBER, Marina STOIAN	A DATA-DRIVEN ANALYSIS BRACED FRAMES
10:40 – 10:50	Daniel-Marcel MANOLI, Nicolae RADULESCU- SINGURAN, Adrian Alexandru SAVU, Elena-Mihaela STAN, Cristian-Stefan BARBU	INFLUENCE OF CONSTITUTIVE MODELS ON DEEP EXCAVATIONS: A COMPARATIVE STUDY
10:50 – 11:00	Aurelian GRUIN, Sorin DAN, Cornelia BAERA, Bogdan BOLBOREA, Ana Cristina VASILE, Claudiu-Sorin DRAGOMIR, Evelin-Anda LAZA	CORRELATION BETWEEN DENSITY, ULTRASONIC PULSE VELOCITY AND DRYING SHRINKAGE IN ECO-CLAY POURED-EARTH

**Session Moderators:**

*Prof. Ph.D. Raluca MANEA, USAMV of Bucharest*

*Lect. Ph.D. Octavian Laurentiu BALOTA, USAMV of Bucharest*

Time	Authors	Paper Title
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 13:30	<i>Paper presentation - Session IV</i>	<i>FIFIM Building, 2nd Floor, AII2</i>
11:30 – 11:40	Ioan BOTI	REINFORCEMENT SHAPE AS A KEY DESIGN VARIABLE FOR SUSTAINABLE PLASTIC FIBER- REINFORCED CONCRETE IN AGRICULTURAL CONSTRUCTIONS FLOORS AND SLABS: A NUMERICAL AND EXPERIMENTAL APPROACH

Time	Authors	Paper Title
11:40 – 11:50	Silvia CHIOREAN, Tudor SĂLĂŢEAN, Mircea-Emil NAP, Ioana POP, Florica MATEI, Răzvan PLOSCAR, Steluța-Maria ȘÎNGEORZAN	DIGITAL TRANSFORMATION OF TREE INVENTORY THROUGH GIS: OPTIMIZING FORESTRY PROCESSES VIA SPATIAL DATA COLLECTION, INTEGRATION AND ANALYSIS
11:50 – 12:00	Alina Georgiana CISLARIU, Ionut Cosmin SANDRIC, Dragos Stefan MANTOIU, Clara Daniela MIHAI, Mioara DUMITRASCU, Ciprian Claudiu MANZU	LINKING FIELD VEGETATION DATA AND UAV OBSERVATIONS FOR HABITAT CONDITION ASSESSMENT IN NATURA 2000 GRASSLANDS
12:00 – 12:10	Iulia COROIAN, George CIOLPAN, Diana FICIOR, Teodor RUSU, Ancuta ROTARU	INTEGRATION OF GIS TECHNOLOGY IN THE PROCESS OF IDENTIFYING SUITABLE AREAS FOR THE CONSTRUCTION OF PARKING LOTS
12:10 – 12:20	Tudor SALAGEAN, Ioana POP, Florica MATEI, Silvia CHIOREAN, Mircea-Emil NAP, Catalin-Stefanel SABOU, Catalina MOSNEAG	HIGH-DENSITY AIRBORNE LIDAR POINT CLOUD FOR DIGITAL TERRAIN MODELS IN SMALL STREAM ASSESSMENT AND REHABILITATION
12:20 – 12:30	Karoly Alexandru RACZ, Claudia Simona TIMOFTE, Nicu Cornel SABĂU	LAND USE CHANGES INDUCED BY CONSTRUCTION MATERIAL EXTRACTION IN SURFACE QUARRIES WITHIN THE INEU ADMINISTRATIVE TERRITORY (BIHOR COUNTY, ROMANIA)

Time	Authors	Paper Title
12:30 – 12:40	Mircea NAP, Tudor SĂLĂGEAN, Silvia CHIOREAN, Ioana POP, Florica MATEI, Cătălin VÂRBAN, Elemer Emanuel ȘUBA	HIGH-RESOLUTION MAPPING OF VEGETATION TYPES, STRUCTURE, HEIGHT, AND DENSITY IN THE UASVM CLUJ-NAPOCA CAMPUS USING LIDAR, PHOTOGRAMMETRY AND MULTISPECTRAL SENSING
12:40 – 12:50	Adina NITULESCU	DEFORESTATION PREDICTIONS IN NORTHERN ROMANIA USING LONG SHORT-TERM MEMORY NETWORKS
12:50 – 13:00	Gabriel BADESCU, Mihail SUSINSKI, Cristian VASILE, Emilia CONSTANTINESCU, Petre SĂVESCU, Gabriel TĂNASIE	INTEGRATED COMPENSATION OF TERRESTRIAL GEODETIC AND GNSS NETWORKS USING A MODULAR 3D SOFTWARE PLATFORM. CASE STUDY: UCC MĂNECIU NETWORK.
13:00 – 13:10	Ioana Delia POP, Tudor SALAGEAN, Mircea - Emil NAP, Elemer - Emanuel SUBA, Cristian MALINAS, Lucia - Adina TRUTA, Silvia CHIOREAN, Ferenc KAITAR, Adela - Maria NEAG, Florica MATEI	THE ALGORITHMIC LANDSCAPE OF AI BASED LAND USE INTERPRETATION
13:10 – 13:20	Cristina CĂLIN, Răzvan Lucian VOICU, Sorin Mihai CÎMPEANU	GIS-BASED SCREENING OF ROAD-INDUCED SPATIAL FRAGMENTATION IN NATURA 2000 SITES IN ROMANIA
13:20 – 13:30	Răzvan Lucian VOICU, Cristina CĂLIN, Sorin Mihai CÎMPEANU	GIS-BASED NOISE MAPPING OF NATURA 2000 SITES EXPOSED TO A1 MOTORWAY TRAFFIC IN ROMANIA
13:30 – 14:30	<i>Lunch</i>	

*Session Moderators:*

*Lect. Ph.D. Andreea-Miruna CODREANU, UGAL*

*Lect. Ph.D. Roxana SALCIANU, USAMV of Bucharest*

Time	Authors	Paper Title
14:30 – 17:10	<i>Paper presentation - Session V</i>	<i>FIFIM Building, 2nd Floor, AII2</i>
14:30 – 14:40	George-Marius CIOLPAN, Iulia COROIAN, Luisa ANDRONIE, Rodica SOBOLU, Teodor RUSU, Andrei MARTIN	CASE STUDY ON THE ANALYSIS OF GREEN SPACES IN THE URBAN AREA OF CLUJ-NAPOCA USING ARCGIS PRO
14:40 – 14:50	Peter UDVARDY, Levente DIMÉN, Gergely VAKULYA	COST EFFECTIVE SYSTEM FOR HUMAN PRESENCE DETECTION IN RURAL ENVIRONMENT
14:50 – 15:00	Maria POPA	CORRELATION BETWEEN THE PHYSICAL PROPERTIES AND NPK NUTRIENT CONTENT OF ORCHARD SOILS FOR THE SELECTION OF APPROPRIATE SOIL DECONTAMINATION TECHNOLOGIES
15:00 – 15:10	Claudiu-Denis FILIP, Mirela Ana COMAN	MOBILITY AND TOXICOLOGICAL RELEVANCE IN THE EVALUATION OF HEAVY METAL TRANSFER FROM SOIL TO PLANTS
15:10 – 15:20	Lucian COPOLOVICI, Brenda SVINTI, Flavia BORTES, Cristian MOISA, Andreea LUPITU, Dana COPOLOVICI	IMPACT OF ANTIBIOTIC- CONTAMINATED WASTEWATER IRRIGATION ON PHOTOSYNTHETIC PERFORMANCE AND STRESS RESPONSES IN <i>BRASSICA OLERACEA</i>
15:20 – 15:30	Cristinel CONSTANDACHE, Ciprian TUDOR, Laurențiu POPOVICI, Raul RADU	CARBON STORAGE IN FOREST STANDS ON DEGRADED LANDS

Time	Authors	Paper Title
15:30 – 15:40	Georgi PATRONOV, Diana KIRIN, Kenan SEZER, Petya ZAHARIEVA, Radoslava ZAHARIEVA	ANTHROPOGENIC AIR POLLUTION IN URBAN AREAS
15:40 – 15:50	Marilena ONETE, Florian Paul BODESCU, Roxana-Georgiana NICOARĂ, Minodora MANU, Monica Angela NEBLEA	NATURA 2000 SITE DEALURILE STREHAIA– BÂTLANELE - UPDATED INFORMATION ON SPECIES AND HABITATS OF COMMUNITY INTEREST
15:50 – 16:00	Maria ȘEVERA, Mirela COMAN	ON THE IMPORTANCE OF ENVIRONMENTAL FACTOR PROTECTION IN KEY AREAS OF THE BORDER ZONE. CASE STUDY ROMÂNIA-UCRAINA, MARAMUREȘ MOUNTAINS
16:00 – 16:10	Cornelia BAERA, Aurelian GRUIN, Ana Cristina VASILE, Caius LUMINOSU, Ana-Andreea MIHARTESCU, Alexandra Marina BARBU	FROM WASTE TO RESOURCE: IMPLEMENTING SPENT GARNET (SG) AS A PARTIAL FINE AGGREGATE IN CEMENT-BASED MATERIALS – TECHNICAL, LEGAL AND COMMERCIAL PERSPECTIVES
16:10 – 16:20	Bilyana GRIGOROVA- PESHEVA, Asen PESHEV, Georgi KADINOV, Ekaterina TODOROVA, Boyka MALCHEVA	DYNAMICS OF AIRBORNE MICROORGANISMS ACCORDING TO ENVIRONMENTAL CONDITIONS
16:20 – 16:30	Ana-Cristina VASILE, Raul ZAHARIA, Cornelia BAERA, Aurelian GRUIN, Paula SFIRLOAGA, Adelin STIRB, Alexandru ION	VALORIZATION OF STEEL FURNACE SLAG FOR CONSTRUCTION APPLICATIONS: TECHNICAL CHALLENGES AND OPPORTUNITIES

Time	Authors	Paper Title
16:30 – 16:40	Anca MANOLESCU, Ionut STANESCU, Paul DANCA	ASSESSING THERMAL AND LIGHTING CONDITIONS IN UNIVERSITY TEACHING SPACES THROUGH FIELD MEASUREMENTS AND STANDARDIZED SURVEYS
16:40 – 16:50	Paula POP, Vlad STOIAN, Bianca POP, Alexandra GHEORGHITA, Roxana VIDICAN	THE USE OF FUNCTIONAL APPROACHES TO ANALYZE THE DIFFERENCES IN LAKE WATER MICROBIOME ASSEMBLAGES
16:50 – 17:00	Nicolae ALBOIU, Daniel CORNEA, Georgiana Daniela VULPE	RESEARCH ON FREE SURFACE ENERGY DISSIPATION
17.00 – 17.10	Lia STELEA, Alexandra-Constanța DUDU, Corina AVRAM, Marius-Bogdan BĂRĂITĂREANU, Andrei-Gabriel DRAGOȘ, Gabriel IORDACHE	SEASONAL VARIATION OF CO <sub>2</sub> SOIL FLUX AND VEGETATION RESPONSE AT BODOC AND BĂILE LĂZĂREȘTI
17:10 – 18:00	<i>Coffee break / Poster Session II and discussions</i> <i>Session Moderators:</i> <i>Assoc. Prof. Ph.D. Constanta MIHAI, USAMV of Bucharest</i> <i>Lect. Ph.D. Simona MARCU-SPINU, USAMV of Bucharest</i>	
18:00 – 18:30	<b>Final Discussions and Conclusions</b>	

# POSTER PRESENTATIONS

## ENVIRONMENTAL SCIENCE AND ENGINEERING

No.	Authors	Paper Title
1	Traian Ciprian STROE, Oana MIHAI FLOREA, Liliana PANAITESCU	EVALUATION OF THE PERFORMANCE OF WHEAT VARIETIES UNDER MINIMUM TILLAGE SYSTEM IN THE PEDOCLIMATIC CONDITIONS OF SĂCELE AREA, CONSTANȚA COUNTY (2021-2024)
2	Paula COJOCARU, Alexandra-Andreea STRUNGARU, Gabriela BIALI, Maria-Cătălina PASTIA	<i>DAPHNIA MAGNA</i> INDICATOR OF WATER POLLUTION WITH ZINC
3	Aleksandra BENSA, Nikolina JURKOVIĆ BALOG, Aleksandra PERČIN	EFFECT OF SOIL TYPE AND MANAGEMENT ON POTENTIALLY TOXIC ELEMENTS (As, Cu, Zn) IN SOILS OF OLIVE GROVES IN DALMATIA, CROATIA
4	Mihaela MARILENA, Simona NEAGU	HYDROCARBON TOLERANCE AND BIODEGRADATION IN ENVIRONMENTAL <i>PSEUDOMONAS</i> STRAINS
5	Cristina Alina DUMITRACHE	FOREWARNING ON SOME POLLUTANTS AND THEIR EFFECTS ON WATERFOWL
6	Simona NEAGU, Mihaela Marilena STANCU	PHYSICOCHEMICAL STABILITY AND EMULSIFYING ACTIVITY OF A BIOSURFACTANT OF SALINE ORIGIN
7	Mihaela PREDA, Veronica TĂNASE, Nicoleta Olimpia VRÎNCEANU, Florența JAFRI	OCCURRENCE AND LEVELS OF HAZARDOUS ORGANIC COMPOUNDS IN SOILS FROM INDUSTRIAL AREAS

No.	Authors	Paper Title
8	Cristina MOISESCU, Ovidiu S. STOICAN, Ana Valentina ZAMFIRESCU, Mihaela Marilena STANCU	INACTIVATION OF GRAM- POSITIVE AND GRAM-NEGATIVE BACTERIA BY USING ARGON COLD ATMOSPHERIC PRESSURE PLASMA
9	Irina POPA, Vasilica VASILE, Claudiu-Sorin DRAGOMIR, Cristian GRIGORASENCO	PHYSICAL AND MECHANICAL CHARACTERISTIC ASPECTS FOR CLADDING PRODUCTS BASED ON RICE HUSKS AND HEMP STALKS
10	Ana-Valentina ZAMFIRESCU, Cristina MOISESCU, Sorin ȘTEFĂNUȚ, Miruna-Maria ȘTEFĂNUȚ, Ana-Maria MOROȘANU	CULTIVABLE MICROALGAE FROM PEATLAND WATERS: MORPHOLOGICAL FEATURES AND PIGMENT PROFILES
11	Irina POPA, Vasilica VASILE, Claudiu-Sorin DRAGOMIR, Alexandra-Marina BARBU	BIOMATERIALS – BASED COATINGS WITH INDOOR EMISSION CONTROL PROPERTIES
12	Sorin MATEI, Gabi Mirela MATEI, Sorina DUMITRU, Victoria MOCANU, Monica DUMITRAȘCU	THE INFLUENCE OF INOCULATION WITH SYNTHETIC MICROBIOMES ON THE EVOLUTION OF SOIL CARBON SEQUESTRATION UNDER THERMAL STRESS
13	Mircea SĂLCUDEAN, Maria POPA, Mirel GLEVITZKY, Daniela ONITA, Mihai Teopent CORCHES	DETERMINATION OF CONCRETE PERMEABILITY WITH CERAMIC WASTE CONTENT
14	Mircea SĂLCUDEAN, Mihai Teopent CORCHES, Maria POPA, Mirel GLEVITZKY	DETERMINATION OF SPLITTING TENSILE STRENGTH OF PAVING BLOCKS CONTAINING CERAMIC WASTE
15	Mircea SĂLCUDEAN, Maria POPA, Mirel GLEVITZKY, Mihai Teopent CORCHES	EXPERIMENTAL STUDY ON BRICKS MADE WITH BRICK WASTE AND SAWDUST

No.	Authors	Paper Title
16	Violina ANGELOVA, Maria IHTYAROVA	POTENTIAL OF SELECTED AROMATIC ASTERACEAE SPECIES FOR PHYTOREMEDIATION OF HEAVY METAL-CONTAMINATED SOILS
17	Violina ANGELOVA	NICKEL SPECIATION AND BIOAVAILABILITY IN SERPENTINE SOILS OF THE EASTERN AND SOUTHERN RHODOPES, BULGARIA
18	Adrian-Victor LAZARESCU, Andreea HEGYI	PRELIMINARY ASSESSMENT OF PHOTOCATALYTIC PERFORMANCE POTENTIAL IN TiO <sub>2</sub> -MODIFIED BI-LAYER GEOPOLYMER PAVING BLOCKS
19	Mirela Laura IEREMCIUC, Ioan DAVID, Camelia STEFANESCU, Mihai NEGURA, Dorina-Gabriela IONESCU, Mircea VISESCU	HYBRID RENEWABLE ENERGY SUPPLY SYSTEM- STORAGE REQUIREMENTS CONSIDERING SEASONAL VARIATION OF PV OUTPUT
20	Carmen BALTATU, Gabriel Valentin GHEORGHE, Dragos MANEA, Larisa-Bianca IONICA	TECHNICAL FRAMEWORK FOR SUSTAINABLE VALORIZATION OF VINEYARD BY-PRODUCTS THROUGH SMALL-SCALE PROCESSING TECHNOLOGIES
21	Maria Catalina TOPA, Gabriel MURARIU, Maxim ARSENI, Puiu Lucian GEORGESCU, Catalina ITICESCU	HOLISTIC ASSESSMENT OF HEAVY METAL BIOACCUMULATION IN AQUATIC BIOTIC AND ABIOTIC COMPARTMENTS
22	Maria Daniela MIHAILA IONICA, Madalina CALMUC, Andreea - Veronica BOTEZATU, Catalin PLATON, Bianca FURDUI, Lucian Puiu GEORGESCU, Rodica Mihaela DINICA, Catalina ITICESCU	<i>IRIS PSEUDACORUS</i> : A PROMISING NATURE-BASED SOLUTION FOR AQUATIC PHYTOREMEDIATION

No.	Authors	Paper Title
23	Andreea DOROFTE, Ira-Adeline SIMIONOV, Ștefan-Mihai PETREA, Catalin PLATON, Puiu Lucian GEORGESCU, Catalina ITICESCU	BACTERIAL MICROBIOTA IN AQUATIC ENVIRONMENTS AND THE BIODEGRADATION POTENTIAL OF SUSTAINABLE MATERIALS: INSIGHTS INTO ENVIRONMENTAL FATE - A REVIEW
24	Andreea-Miruna CODREANU, Stefania Adelina MILEA, Cristina Mihaela LUNTRARU, Alin Constantin DÎRȚU, Puiu Lucian GEORGESCU, Catalina ITICESCU	MOISTURE-LIPID RELATIONSHIPS IN MUSCLE TISSUE OF FRESHWATER FISH SPECIES AS INDICATORS OF ECOLOGICAL STATUS IN THE LOWER DANUBE RIVER
25	Stefania-Adelina MILEA, Valentina-Andreea CALMUC, Andreea-Miruna CODREANU, Catalina ITICESCU, Puiu-Lucian GEORGESCU, Silvia DRAGAN	TRACING PESTICIDES AND PHARMACEUTICALS IN WATER AND SEDIMENTS OF THE DANUBE DELTA
26	Dinu GIRNET, Lorena DELEANU, Gabriel MURARIU, Laura DANILESCU, Romana DRASOVEAN	STUDY OF THE DYNAMICS OF SOME WATER QUALITY PARAMETERS IN THE PRUT RIVER AREA DURING 2014-2023
27	Mădălin CRISTEA, Adrian ROȘU, Sorin FRĂȘÎNĂ, Daniel-Eduard CONSTANTIN, Mirela VOICULESCU, Lucian - Puiu GEORGESCU, Silvia DRĂGAN	SEASONAL AND DIURNAL DYNAMICS OF SIZE-RESOLVED PARTICULATE MATTER IN AN URBAN AREA OF GALAȚI, ROMANIA, BASED ON CONTINUOUS RAPID-E MONITORING
28	Asen PESHEV	INTERRELATIONSHIP BETWEEN SOIL MICROORGANISMS AND AIRBORNE MICROFLORA IN URBAN ENVIRONMENT

No.	Authors	Paper Title
29	Sorin ANGHEL, Andrei Gabriel DRAGOS, Gabriel IORDACHE, Bogdan Marius BARAITAREANU, Constanta Alexandra DUDU	INVESTIGATION OF HYDROCARBON POLLUTION IN THE OIL TERMINAL CONSTANȚA AREA USING ELECTRICAL RESISTIVITY METHODS AND HYDROSTATIC REGIME ANALYSIS
30	Andrei-Daniel GEMAN, Andreea-Loredana COMANESCU, Apetrei CONSTANTIN, Catalina ITICESCU, Puiu-Lucian GEORGESCU	ELECTROCHEMICAL SENSORS FOR DETECTING ENVIRONMENTAL POLLUTANTS - A REVIEW
31	Irina TOMASU, Mihaela DRAGOI CUDALBEANU, Simona MARCU- SPINU, Zina PARASCHIV, Augustina Sandina TRONAC, Alina ORTAN	MONITORING ENVIRONMENTAL QUALITY VIA NITRATE ACCUMULATION IN GREENHOUSE LETTUCE ( <i>LACTUCA SATIVA L.</i> )
32	Alexandra-Marina BARBU, Aurelia BRADU, Claudiu-Sorin DRAGOMIR, Augustina-Sandina TRONAC	SUSTAINABLE UNFIRED CLAY MASONRY INCORPORATING AGRICULTURAL WASTE: PHYSICAL AND MECHANICAL PROPERTIES
33	Melania GHEREG, Ioana Cătălina NICOLAE, Maria TABĂRA, Natalia ONICA, Nina CHIORCHINĂ, Liliana BĂDULESCU	<i>IN VITRO</i> PROPAGATION FOR THE CONSERVATION OF SUMMER SNOWFLAKE ( <i>LEUCOJUM AESTIVUM L.</i> ): PRELIMINARY RESULTS
34	Tatiana GROPA, Ioana-Cătălina NICOLAE, Ion ROȘCA	<i>IN VITRO</i> PROPAGATION OF EUONYMUS FORTUNEI CULTIVARS FOR SUSTAINABLE URBAN GREENING AND DEGRADED LAND REHABILITATION

No.	Authors	Paper Title
35	Ioana Catalina NICOLAE, Maria TABĂRA, Nina CIORCHINĂ, Natalia ONICA, Melania GHEREG, Liliana BĂDULESCU	PLANT TISSUE CULTURE STRATEGIES FOR SUSTAINABLE MULTIPLICATION OF BLACK CHOKEBERRY ( <i>ARONIA MELANOCARPA</i> ) GERMPLASM

## DISASTER RESILIENCE AND SUSTAINABLE DEVELOPMENT

No.	Authors	Paper Title
1	Daniela DOBRE, Lidia-Rodica RADU, Nicoleta-Adaciza IONESCU, Cornelia-Florentina DOBRESCU	STRUCTURAL PERFORMANCE ASSESSMENT OF ECOLOGICALLY STABILIZED ROAD LAYERS
2	Mihai Teopent CORCHES, Mirel GLEVITZKY, Mircea SĂLCUDEAN	THE CHALLENGES OF CLIMATE CHANGE ADAPTATION IN ROMANIA'S LAND RECLAMATION SYSTEMS: BETWEEN GREY INFRASTRUCTURE AND NATURE- BASED SOLUTIONS
3	Adrian SIMION	CASE STUDY ON THE ASSESSMENT OF THE EFFECTS OF CONTROLLED BLASTING DEMOLITION ON NEARBY BUILDINGS
4	Iolanda-Gabriela CRAIFALEANU, Claudiu Sorin DRAGOMIR, Daniela DOBRE, Emil-Sever GEORGESCU, Alexandra-Marina BARBU	SEISMIC RESPONSE ANALYSIS OF A LONG-TERM MONITORED BUILDING USING CO-LOCATED STRUCTURAL AND FREE-FIELD RECORDS
5	Cristian PETCU, Andreea HEGYI, Horia PETRAN, Florin BĂLTĂREȚU	INFLUENCE OF TESTING METHODS ON THERMAL PERFORMANCE CHARACTERIZATION OF SHEEP WOOL-BASED INSULATION

No.	Authors	Paper Title
6	Cristian PETCU, Horia PETRAN, Andreea HEGYI, Florin BĂLTĂREȚU, Ciprian ENE	AQUIFER THERMAL ENERGY STORAGE SYSTEMS FOR NEARLY ZERO ENERGY BUILDINGS: A CASE STUDY ASSESSMENT FOR ROMANIAN CLIMATE CONDITIONS
7	Flavia Malina CIOFLAN, Călin Ioan IOVAN, Sorin Lucian DOROG, Călin Gheorghe PĂȘCUȚ, Eugenia ȘERBAN	ASPECTS RELATED TO VEGETATION SUCCESSION, ON AGRICULTURAL LANDS, IMPROPERLY EXPLOITED AND ABANDONED, AFFECTED BY DROUGHT IN NON- COLLECTIVIZED AREAS
8	Daniela DOBRE, Iolanda-Gabriela CRAIFALEANU, Claudiu-Sorin DRAGOMIR, Emil-Sever GEORGESCU, Cornelia-Florentina DOBRESCU	A DATA-DRIVEN ANALYSIS OF SEISMIC RESPONSE AND STRUCTURAL PERFORMANCE
9	Adrian SIMION, Augustina Sandina TRONAC, Claudiu Sorin DRAGOMIR, Laurentiu Denis CHERPEC	COMPARATIVE STUDY ON DETERMINING THE FIRE RESISTANCE OF MASONRY WALLS
10	Alexandru DIMACHE, Iulian IANCU	A NOVEL CONCEPT FOR A SUBMERGED WAVE ENERGY CONVERTER

## WATER RESOURCES MANAGEMENT

No.	Authors	Paper Title
1	Mirela Madalina MOLDOVEANU, Larisa Isabela FLORESCU, Raluca Alexandra MIHAI, Cristian BANCIU, Maria Iasmina MOZA, Doru Simion DOBRE, Cristina Alina DUMITRACHE, Rodica Daniela CATANA	XRF-BASED ASSESSMENT OF ELEMENT ACCUMULATION IN <i>PHRAGMITES AUSTRALIS</i> ACROSS FRESHWATER, URBAN, AND SALINE AQUATIC ECOSYSTEMS: IMPLICATIONS FOR NATURAL FILTRATION AND ENVIRONMENTAL RISK

No.	Authors	Paper Title
2	Anca Ioana LUCACI, Larisa Isabela FLORESCU, Mirela Mădălina MOLDOVEANU, Roxana Lucia COJOC	MICROBIAL PATTERNS IN URBAN AND PERI-URBAN LAKES FROM SOUTHERN ROMANIA: IMPLICATIONS FOR WATER QUALITY AND ECOSYSTEM HEALTH
3	Karoly Alexandru RACZ, Emilia Valentina PANTEA, Nicu Cornel SABĂU	PHYSICOCHEMICAL DYNAMICS OF WATER QUALITY IN SAND AND GRAVEL POST-EXPLOITATION LAKES
4	Andrei-Mihai GAFENCU, Andreea-Mihaela FLOREA, Florin-Daniel LIȘA, Eugen ULEA	SPATIAL VARIATION OF MICROBIAL COMMUNITIES IN THE BAHLUI RIVER ACROSS THE URBAN AREA OF IASI
5	Elena-Maria VORNICESCU, Sorin Mihai CIMPEANU, Nicolae MĂRĂCINE, Marco MORARU	STATE-OF-THE-ART APPLICATIONS FOR THE REHABILITATION OF IRRIGATION MAIN-CANAL CROSSINGS
6	Diana KIRIN, Radoslava ZAHARIEVA, Petya ZAHARIEVA	MONITORING THE ECOLOGICAL STATE AND ANTHROPOGENIC LOADING OF THE LUDA YANA RIVER THROUGH THE USE OF INDICATOR MACROZOOBENTHOS
7	Larisa Isabela FLORESCU, Maria Iasmina MOZA, Mirela Mădălina MOLDOVEANU	CYANOBACTERIA AS KEY FACTORS IN STRUCTURING PLANKTONIC COMMUNITIES IN THE DANUBE DELTA
8	Petya GENKOVA, Manol DALLEV, Vera STEFANOVA	TECHNICAL CHARACTERISTICS AND EFFICIENCY OF GARDEN SPRINKLERS IN IRRIGATION SYSTEMS`
9	Viliana PASKALEVA, Diana KIRIN, Petya ZAHARIEVA, Radoslava ZAHARIEVA, Marian VARBANOV	METALS CONTENT IN THE SYSTEM WATER-SEDIMENTS- CHIRONOMIDAE-PERCA <i>FLUVIATILIS-PROTEOCEPHALUS</i> <i>PERCAE</i> FROM TOPOLNITSA DAM, BULGARIA

No.	Authors	Paper Title
10	Lucia-Roxana COJOC, Mirela-Mădălina MOLDOVEANU, Larisa-Isabela FLORESCU, Mădălin-Iancu ENACHE, Anca-Ioana LUCACI	SALT LAKE MICROBIAL ECOSYSTEMS: IMPORTANCE AND CONSERVATION CHALLENGES
11	Sebastian MUSTAȚĂ, Dragoș DRĂCEA, Augustina Sandina TRONAC	OPTIMAL FLOW REGULATION IN WASTEWATER PUMPING STATIONS WITHIN SEWAGE SYSTEMS
12	Nikolina ILIEVA, Viliana PASKALEVA, Diana KIRIN, Radoslava ZAHARIEVA, Petya ZAHARIEVA, Georgi PATRONOV, Doychin TERZIYSKI	RISK ASSESSMENT OF THE USE OF <i>RUTILUS RUTILUS</i> FOR FOOD FROM TWO ANTHROPOGENICALLY INFLUENCED DAMS
13	Dragoș DRĂCEA, Alin HAPCA, Sebastian MUSTAȚĂ, Augustina Sandina TRONAC	INCREASING THE EFFICIENCY OF BIOLOGICAL SLUDGE STABILIZATION PROCESSES WITHIN WASTEWATER TREATMENT PLANTS
14	Gabriela TEODOSIU-BELEUTA	INVESTIGATION OF THE BACTERIAL COMMUNITY IN SOME DRINKING WATERS FROM THE DISTRIBUTION NETWORK OF SLOBOZIA CITY TO ASSESS WATER QUALITY AND BACTERIAL INVOLVEMENT IN BIOCORROSION PROCESSES
15	Mihai NEGURA, Ioan DAVID, Erika Beata Maria BEILICCI, Robert Florin BEILICCI	HISTORY, MODERNIZATION AND HYDRAULIC MODELLING OF THE SÂNMIIHAIU ROMÂN LOCK, BEGA CANAL
16	Dorina Gabriela IONESCU, Ioan DAVID, Robert Florin BEILICCI, Erika Beata Maria BEILICCI	ADVANCED MODELING OF THE BARZAVA RIVER IN THE BOCSA- GATAIA SECTOR, CARAS-SEVERIN COUNTY

No.	Authors	Paper Title
17	Mirela Laura IEREMCIUC, Ioan DAVID, Robert Florin BEILICCI, Erika Beata Maria BEILICCI	HYDRAULIC MODELING APPLIED TO THE DETERMINATION OF SANITARY PROTECTION ZONES FOR LAKE BUHUI
18	Dorian HAUSLER COZMA, Eugen Teodor MAN, Robert Florin BEILICCI, Erika Beata Maria BEILICCI	HYDRO-MECHANICAL ANALYSIS AND NUMERICAL SIMULATION OF WATER INFILTRATION PROCESSES IN RAILWAY EMBANKMENTS
19	Mihaela BALAN, Oana Alina NIȚU, Cristian POPESCU	LONG-TERM CHANGES IN AREAS EQUIPPED WITH DRAINAGE AND DEWATERING SYSTEMS UNDER DIFFERENT LAND USES
20	Iuliana VOICU, Mihaela DRAGOI CUDALBEANU, Nicoleta Daniela SARBU, Daniela FAUR, Teodor COSTACHIOIU, Carmen Laura CIMPEANU	COMPARATIVE ASSESSMENT OF ANNUAL DYNAMICS IN WATER QUALITY OF HERASTRAU LAKE, ROMANIA
21	Aurelia NICA, Isabelle METAXA, Alina ANTACHE, Adeline-Ira SIMIONOV, Catalina ITICESCU, Stefan-Mihai PETREA	GLOBAL CHALLENGES CONCERNING WATER RESOURCES AND THEIR MANAGEMENT: CASE STUDY – THE DANUBE

## REMOTE SENSING AND GEOINFORMATICS

No.	Authors	Paper Title
1	Tamara MYSLYVA, Christiaan Max HUISDEN, Marek MROZ, Gerald TJON A SAN, Fauzia Gatoen ABDOELRAHMAN	SATELLITE-DERIVED TURBIDITY AS AN INDICATOR OF SMALL-SCALE GOLD MINING ACTIVITY AROUND THE BROKOPONDO RESERVOIR, SURINAME

No.	Authors	Paper Title
2	Mihai AVADANEI, Tiberiu POPESCU, Florina TERLE BURESCU, Florin SALA, Mihai Valentin HERBEI	COMPARATIVE ANALYSIS OF ALTIMETRIC VARIATIONS IN THE SLĂNIC PRAHOVA AREA BASED ON LEVELING MEASUREMENTS
3	Marius Bogdan BARAITAREANU, Ionelia PANEA, Alexandra Constanța DUDU, Andrei Gabriel DRAGOȘ, Gabriel IORDACHE, Lia STELEA, Sorin ANGHEL	SEISMIC SURVEY FOR SHALLOW INVESTIGATION OF CO <sub>2</sub> MIGRATION PATHWAYS IN BĂILE LĂZĂREȘTI, ROMANIA
4	Silvia Alexandra DREGHICI, Levente DIMEN, Tudor BORȘAN, Gianmarco PITTON	APPLICATION OF PHOTOGRAMMETRIC TECHNOLOGIES FOR CROP MONITORING IN PRECISION AGRICULTURE
5	Claudiu-Daniel UTOIU, Bogdan DRAGANCEA, Elena UTOIU, Mihai GIDEA	UAV-DERIVED VEGETATION INDICES FOR SPATIAL ASSESSMENT OF WEED INFESTATION IN ARABLE CROPS
6	Dragoș Andrei CÎRCIUMARIU, Mirela PARASCHIVU, Constantin ȘULEA- IORGULESCU, Dorin SENDRESCU	REAL-TIME PATHOGEN RISK MAPPING IN CEREAL FIELDS THROUGH INTEGRATED UAV, GIS AND SMART FORECASTING TOOLS
7	Vera STEFANOVA	SUSTAINABLE LAND USE BY MULTI-CRITERIA ASSESSMENT AND GIS PLATFORM
8	Liviu BUZILA, Silvia Alexandra DREGHICI, Ciprian CORPADE, Levente DIMEN, Zoltan NYIKES	A METHODOLOGICAL FRAMEWORK FOR TERRAIN MORPHOLOGICAL ANALYSIS IN RISK MAPPING BASED ON DEM-DERIVED GEOMORPHOMETRIC PARAMETERS
9	Andreea BEGOV-UNGUR, Liana Luminita BOCA	SMART INTEGRATED E-PERMITTING PLATFORM FOR URBAN PLANNING AND CONSTRUCTION MANAGEMENT

No.	Authors	Paper Title
10	Sorin George FRĂȘÎNĂ, Adrian ROȘU, Bogdan ROȘU, Maxim ARSENI, Daniel-Eduard CONSTANTIN, Mădălin CRISTEA, Lucian SFÎCĂ, Cătălina ITICESCU, Lucian-Puiu GEORGESCU, Silvia DRĂGAN	MOBILE MICROCLIMATE ASSESSMENT OF URBAN–RURAL THERMAL DIFFERENCES USING METEOTRACKER MEASUREMENTS IN SOUTH-EAST OF ROMANIA

### MISCELLANEOUS

No.	Authors	Paper Title
1	Ana-Maria MOROȘANU, Miruna-Maria ȘTEFĂNUȚ, Sorin ȘTEFĂNUȚ	THE SPHAGNUM PEATBOGS OF MOLHAȘUL DE LA RÂȘCA - DEALUL NEGRU, CLUJ COUNTY
2	Catalin OPRITA, Stelian Constantin STAN, Ion ANGHEL, Adrian SIMION, Beatrice Mihaela TORAC TOMA	APPLICATIONS OF AI IN DEVELOPING PASSIVE SCREEN SAFETY AGAINST THERMAL RADIATION
3	Gabriel TĂNASIE, Nicolae DIMA, Larisa-Ofelia FILIP, Gabriel BADESCU	ANALYSIS OF SPATIAL GEODETIC METHODS FOR MONITORING MINING GEOSYSTEMS
4	Calin Ioan IOVAN, Sorin Lucian DOROG, Călin Gheorghe PĂȘCUȚ, Flavia Mălina CIOFLAN, Eugenia ȘERBAN	SPECIFIC REHABILITATION WORKS OF DEGRADED AGROSILVOPASTORAL SYSTEMS, IN NONCOLLECTIVIZED AREAS IN THE CONTEXT OF CLIMATE CHANGE
5	Levente DIMÉN, Silvia -Alexandra DRECHICI, Tudor BORȘAN, George COZA	THREE-DIMENSIONAL BUILDING MODELING AS A DIGITAL STRATEGY FOR ENHANCING RURAL TOURISM PROMOTION

No.	Authors	Paper Title
6	Nicoleta RADU, Mihai Dan CARAMIHAI, Francisca BLANQUEZ CANO, Adrian SILVA, Laura IOSUB, Razvan Ionut TEODORESCU	ASSESSING STUDENTS' COMPETENCIES IN ADVANCED TECHNOLOGIES FOR A SUSTAINABLE GREEN FUTURE IN ENERGY, AGRICULTURE, AND INDUSTRY
7	Nicoleta RADU, Mihai Dan CARAMIHAI, Francisca BLANQUEZ CANO, Adrian SILVA, Laura IOSUB, Razvan Ionut TEODORESCU	GAMIFICATION AS A TOOL FOR ENHANCING PARTICIPATION AND LEARNING IN GREEN DIGITISATION EDUCATION
8	Laura RADULESCU, Calin JIANU, Ersilia ALEXA, Ariana-Bianca VELCIOV, Virgil-Dacian LALESCU, Antoanela COZMA, Corina Iuliana MEGYESI, Daniela STOIN, Diana MOIGRADEAN, Simion ALDA, Mariana-Atena POIANA, Carmen-Daniela PETCU, Viorica BOACA, Despina-Maria BORDEAN	NUTRITIONALLY RELEVANT MINERALS IN PARSLEY ROOT: AN X-RAY FLUORESCENCE STUDY
9	Cosmin-Constantin NIȚU	GEOMETRY AND PHYSICS





## Section 6

# **BIOTECHNOLOGY**

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## DETAILED PROGRAMME

### SECTION 6: BIOTECHNOLOGY

Thursday, 4<sup>th</sup> June, 2026

08:00 – 09:00	Registration of participants
09:00 – 09:30	OPENING & WELCOME
09:30 – 10:15	Special Guest of Faculty of Biotechnologies
10:15 – 11:00	Photo session/Coffee Break
11:00 – 13:00	PLENARY SESSION
13:00 – 14:00	Lunch & Networking Activities
14.00	Workshop “Food Safety in Action: Allergen Awareness and Practical Demonstration” <i>Amf P, ground floor, Faculty of Biotechnologies</i>
14:00 – 16:00	Poster display
19:00 – 21:30	Official Gala Dinner, Ceres Restaurant, USAMV Campus

**Friday, 5<sup>th</sup> June, 2026**  
**SESSION I**  
**ORAL PRESENTATIONS**

*Chairperson: Prof. PhD. Amalia Carmen MITELUȚ*  
*Moderator: Associate Professor PhD. Oana-Alina BOIU-SICUIA*

*Faculty of Biotechnologies, Aula Magna "Prof. dr. Gheorghe Câmpeanu" - First Floor*

08:00 – 08:50	<i>Arrival and Registration of Participants</i>	<i>Faculty of Biotechnologies, Aula Magna "Prof. dr. Gheorghe Câmpeanu" - First Floor</i>
08:50 – 09:00	<i>Conference Section Opening</i>	

Time	Authors	Paper Title
09:00 – 09:20	<b>Gabriela Nicoleta TENEA</b>	Impact of post-harvest handling and processing on the microbial and physicochemical quality of chocho ( <i>Lupinus mutabilis</i> ) in Ecuador
09:20 – 09:40	<b>Oscar VICENTE,</b> Monica BOSCAIU	"New" crops to adapt mediterranean agriculture to the current climate emergency
09:40 – 10:00	<b>Rita GOLBAN</b>	Immunological aspects regarding the evaluation of cellular indices in cattle
10:00 – 10:20	<b>Dana COPOLOVICI,</b> Cristian MOISA, Andreea LUPITU, Flavia BORTES, Lucian COPOLOVICI	Utilization of snail-based products in circular bioeconomy
10:20 – 10:40	<b>Carmen BĂLȚATU,</b> Sorin Ștefan BIRIȘ, Ana-Maria TĂBĂRAȘU, Dragos Nicolae DUMITRU, Eugen MARIN	Pilot evaluation of mechanical parameters influencing grape seed oil yield in small agricultural presses
10:40 – 11:00	<b>Tamara SÎRBU,</b> Valerina SLANINA, Cristina MOLDOVAN	Contribution to the study of conservation by the method of lyophilization of fungi and bacteria
11:00 – 11:30	<i>Coffee break/Viewing posters and discussions</i>	<i>Faculty of Biotechnologies, First Floor, Main Hall</i>

## SESSION II ORAL PRESENTATIONS

**Chairperson: Prof. PhD. Amalia Carmen MITELUȚ**  
**Moderator: Associate Professor PhD. Oana-Alina BOIU-SICUIA**

*Faculty of Biotechnologies, Aula Magna "Prof. dr. Gheorghe Câmpeanu" - First Floor*

Time	Authors	Paper Title
11:30 – 11:50	<b>Eduard-Gabriel CONSTANTIN</b> , Mihaela Violeta GHICA, Cristina-Elena DINU-PÎRVU, Ioana LUCA, Durmuş Alpaslan KAYA, Lăcrămioara POPA, Valentina ANUȚA, Mădălina Georgiana ALBU KAYA, Iuliana Diana BĂRBULESCU, Răzvan Mihai PRISADA	Development and characterization of polyvinyl alcohol based polymeric systems for biomedical and agricultural applications
11:50 – 12:10	<b>Hanna Maria BARANOWSKA</b> , Weronika KWIATKOWSKA, Przemysław SIEJAK, Przemysław Łukasz KOWALCZEWSKI	Effect of dietary fibre of different botanical origin on the molecular dynamics of the lipid fraction and physical properties of chocolate
12:10 – 12:30	<b>Marko PETKOVIĆ</b> , Alexander LUKYANOV, Vasilii DOLGOV, Nemanja MILETIĆ	Modernization of the control system of convective-type cabinet dehydrators and providing laboratory research on food drying
12:30 – 12:50	<b>Nemanja MILETIĆ</b> , Bojana LAZAREVIĆ, Matija MUNJIĆ, Alexander LUKYANOV, Marko PETKOVIĆ, Branko POPOVIĆ	Sensory characteristics and quality parameters of cherry liqueurs produced using different technological methods
12:50 – 13:00	<b>Conclusions and Closing ceremony</b>	
13:00 – 14:00	<b>Lunch</b>	<b>Faculty of Biotechnologies, First Floor, Main Hall</b>
14:00 – 16:00	<b>Workshop "Food Safety, Security and Inclusion in Romania" - Aula Magna, Faculty of Biotechnologies</b>	
16:00 – 16:30	<b>Coffee break</b>	

## POSTER SESSION

Time: 09:00 – 13:00

Faculty of Biotechnologies, First Floor, Main Hall

**Session Moderators:** Prof. PhD. Narcisa Elena BĂBEANU  
Associate Professor Cătălina VOAIDEȘ

Paper ID	Authors	Paper Title
<b>I. AGRICULTURAL BIOTECHNOLOGY</b>		
P.I.1.	Paul Alexandru PARDEK, Nicu Cornel SABAU, Cristina Maria MAERESCU, Ioana Maria BORZA, Radu Petru BREJEA	Results obtained from the use of the bacterium <i>Azotobacter chroococcum</i> in maize cultivation
P.I.2.	Ion NIȚU, Elisabeta Elena POPA, Amalia Carmen MITELUȚ	Electron-beam crosslinking of alginate/acrylic acid hydrogels: swelling behavior, release kinetics, and migration effects
P.I.3.	Adina NICHITA, Ioana Loredana STANCIU, Mihaela GEICU-CRISTEA, Mona Elena POPA	Recovery of bioactive compounds from selected industrial plant wastes and by-products-case studies on: tomato processing residues, olive washing waters and sea buckthorn by-products
P.I.4.	Simona-Laura ROTARU, Carmen LUPU, Mălina DESLIU-AVRAM, Florin OANCEA	Mycotoxins deactivator based on spent brewer's yeast cell walls and diatomaceous earth
P.I.5.	Simona-Laura ROTARU, Veronica TUDORICA, Carmen LUPU, Florin OANCEA	Mycotoxin occurrence in feed and feed raw materials in southern Romania in 2024

Paper ID	Authors	Paper Title
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## II. FOOD BIOTECHNOLOGY

P.II.1.	Mihaela BRUMĂ (CĂLIN), Ina VASILEAN, Iuliana BANU, Nicoleta STANCIUC, Gabriela RAPEANU, Iuliana APRODU	Investigations on the use of egg protein derivatives and hydrolysates for pudding fortification
P.II.2.	Krzysztof SMARZYŃSKI, Millena RUSZKOWSKA, Hanna Maria BARANOWSKA, Przemysław Łukasz KOWALCZEWSKI	Improving the quality of alternative vegan burger products through the use of enzymatic treatment
P.II.3.	Millena RUSZKOWSKA, Krzysztof SMARZYŃSKI, Martyna WRÓBEL, Hanna Maria BARANOWSKA, Przemysław Łukasz KOWALCZEWSKI	Quality assessment of corn extrudates enriched with spirulina and chlorella as functional snack products
P.II.4.	Maria POPA, Mirel GLEVITZKY, Gabriela-Alina DUMITREL, Dorin-Victor POPA, Doriana Maria POPA, Ana VÎRSTA	Food safety risk analysis based on an improved HACCP methodology: an applied study
P.II.5.	Przemysław Łukasz KOWALCZEWSKI, Małgorzata GUMIENNA, Paweł JEŻOWSKI, Michał ŚWIĄTEK, Barbara GÓRNA-SZWEDA, Iga RYBICKA, Millena RUSZKOWSKA, Maciej Ireneusz KLUZ, Matteo BORDIGA	Potato protein-based vegan burgers as modulators of gut microbiota and intestinal bioactivity after <i>in vitro</i> digestion
P.II.6.	Martyna Maria WRÓBEL, Krzysztof SMARZYŃSKI, Millena RUSZKOWSKA, Hanna Maria BARANOWSKA, Przemysław Łukasz KOWALCZEWSKI	Structuring and stability of plant-based burgers enriched with potato protein and iron: insights from texture, water properties, and low-field NMR
P.II.7.	Oana LIVADARIU, Laura-Maria VALS, Paulina VALS	Highlighting the influence of broccoli microgreens ( <i>Brassica oleracea</i> , var. <i>italica</i> ) added to cow's telemea cheese on the purchasing preferences of the final consumer
P.II.8.	Oana Camelia IATCU, Monica IAVORSCHI, Ancuța Veronica LUPAESCU, Roxana Elena GHEORGHITA	Bio-based capsules with peptides and <i>Lactobacillus casei</i> as augmentation vectors for biologically active food products

Paper ID	Authors	Paper Title
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### III. MEDICAL AND PHARMACEUTICAL BIOTECHNOLOGY

- |          |   |  |
|----------|---|--|
| P.III.1. | Ovidiu-Ştefan IONESCU,<br>Monica ENACHE   | Microscopic analysis of the stem and leaf of <i>Melissa officinalis</i> L. (Lemon balm)            |
| P.III.2. | Roxana Mădălina STOICA,<br>Nicoleta STAMATE-ENE,<br>Elena Simina LAKATOS,<br>Elena Cristina RADA,<br>Diana GROPOŞILĂ-CONSTANTINESCU | Microbial biosurfactants as antimicrobial and therapeutic agents: a mini-review of recent advances |

### IV: ENVIRONMENTAL BIOTECHNOLOGY

- |         |   |  |
|---------|---|--|
| P.IV.1. | Gabriela-Lucica MĂRGĂRIT,<br>Diana GROPOŞILĂ-CONSTANTINESCU,<br>Silvana-Mihaela DĂNĂILA-GUIDEA,<br>Diana-Elena VADANA | Biotechnological bioremediation solutions for environments contaminated with pharmaceutical waste – a review |
| P.IV.2. | Gabriela LUŢĂ,<br>Evelina GHERGHINA,<br>Daniela BĂLAN,<br>Hatice TURKTEN  | Bioindicators, a key tool in assessing toxic exposure  |
| P.IV.3. | Maria-Mihaela ZUGRAVU,<br>Aglaiia POPA,<br>Yildiray ISTANBULLU  | Silicon-based elicitors for sustainable crop protection  |

### V. MISCELLANEOUS

- |        |  |  |
|--------|--|--|
| P.V.1. | Raissa DUŞCOV  | Mechanisms for strengthening the economic security of enterprises in the Republic of Moldova           |
| P.V.2. | Nicoleta RADU,<br>Mihai Dan CARAMIHAI,<br>Francisca BLANQUEZ CANO,<br>Adrian SILVA,<br>Narcisa Elena BĂBEANU | Developing competencies in cutting-edge technologies for green agriculture and industrial applications |

P.V.3.	Nicoleta RADU, Mihai Dan CARAMIHAI, Francisca BLANQUEZ CANO, Adrian SILVA, Narcisa Elena BĂBEANU	Contemporary learning training teaching methodology for exploring the european green deal: linking agriculture, biodiversity, and EU policy
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<b>Paper ID</b>	<b>Authors</b>	<b>Paper Title</b>
P.V.4.	Rafael PORUMBEL, Radu Cristian TOMA, Filofteia Camelia DIGUȚĂ, Alexandru Constantin ALDEA, Sahar DELKHAHL, Gabriela Lucica MĂRGĂRIT, Diana GROPOȘILĂ-CONSTANTINESCU, Narcisa BĂBEANU	AI-enhanced additive manufacturing in biotechnology: bridging the digital gap through 3D scanning and generative design optimization



## Section 7

# **MANAGEMENT AND ECONOMICS OF RURAL AREAS**

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### SECTION 7 – MANAGEMENT AND ECONOMICS OF RURAL AREAS

**Venue:**

University of Agronomic Sciences and Veterinary Medicine of Bucharest  
Faculty of Management and Rural Development

*Section Chairman:*

*Assoc. prof. Marius Mihai MICU*

Dean - Faculty of Management and Rural Development

### Day 1 – Thursday, June 4, 2026

FMDR Building, 1<sup>st</sup> Floor, Amphitheatre P33

*Session Chairman: Assoc. prof. Marius Mihai MICU*

*Moderator: Assoc. prof. Dragoş SMEDESCU*

Time	Activity	Presenter(s)
14:00	<i>Welcome and Conference Section Opening</i>	Marius Mihai MICU Dragos SMEDESCU
14:10	<i>Keynote speech</i>  RURAL POLICY OR ECONOMIC FUNCTIONALITY? A COMPARATIVE ANALYSIS OF RURAL DEVELOPMENT IN BULGARIA AND THE USA (THE CASE OF NEBRASKA)	Emil MUTAFOV, Julian ATANASSOV
14:30	<i>Oral Presentations</i>  CONSUMER PERCEPTION OF FOOD SECURITY DURING BULGARIA'S ACCESSION TO THE EUROZONE	Georgi ALEKSIEV

Time	Activity	Presenter(s)
	AGRICULTURAL MECHANISATION AND CEREAL CROP PRODUCTIVITY IN ROMANIA: AN ANALYSIS BASED ON NATIONAL STATISTICS	Silvius STANCIU, Mihaela PILA
	YIELD VARIABILITY OF WINTER WHEAT UNDER SOIL DROUGHT CONDITIONS IN DOBROGEA (ROMANIA)	Maria-Gabriela RADU, Dana Maria (OPREA) CONSTANTIN, Georgeta BANDOC, Daniel ALEXANDRU
	ECONOMIC EFFICIENCY OF REARING AND FATTENING LOW-WEIGHT PIGLETS AT EARLY WEANING WITH THE ADDITION OF A PORK MEAL SUBSTITUTE IN THE FIRST WEEK OF REARING	Oleksandr MYKHALKO, Ivan SHPYRNA, Victor OPARA, Bogdan GUTYJ, Valerii BORSHCHENKO, Serhii VERBELCHUK, Yurii KOVALCHUK, Nataliia SHCHERBATIUK, Oleksandr YAREMCHUK
	THE ROLE OF PRECISION AGRICULTURE IN INCREASING THE COMPETITIVENESS OF AGRICULTURAL HOLDINGS IN SOUTH-MUNTENIA	Alexandru-Sorin CIOBANU, Cosmina SMEDESCU, Marius Mihai MICU, Valentina TUDOR, Alina MARCUTA, Dragoş SMEDESCU
	ASSESSMENT OF EFFECTS OF FUEL SUBSIDY REMOVAL ON TECHNICAL EFFICIENCY OF STAPLE CROP PRODUCTION IN GOMBE STATE, NIGERIA	Salihu Umaru BIYE, Muhammad Elhafeez AHMAD, Usman Rilwanu MUSA, Abubakar Turaki MUSA
	AN ANALYSIS OF THE ROMANIAN VITICULTURE SECTOR IN THE EUROPEAN CONTEXT (1990-2024)	Silvius STANCIU
	CONSUMER DEMAND FOR AGROECOLOGICAL PRODUCTS: PERCEPTUAL, MOTIVATIONAL AND ECONOMICAL DETERMINANTS	Florin-Daniel NIȚULESCU, Roxana CICEOI, Nelu Daniel VICENTIU, Viorica LUCHIAN LAGUNOVSCI, Adina IORGA, Elena TOMA, Paula STOICEA

Time	Activity	Presenter(s)
	THE FUTURE OF EUROPEAN INVESTMENT POLICY FOR RURAL DEVELOPMENT IN BULGARIA	Rositsa RAYKOVA
16:00	<i>Coffee break</i>	
16:30	<i>Poster presentations</i>	
	RISK ASSESSMENT OF OCCUPATIONAL ACCIDENTS AND DISEASES IN AGRICULTURAL ACTIVITIES: AN APPLIED STUDY IN THREE COMPANIES FROM CONSTANȚA COUNTY, ROMANIA	Traian Ciprian STROE, Silvia VRIȘCU, Liliana PANAITESCU, Liliana MIRON
	A MODEL FOR THE APPLICATION OF THE ABC COSTING METHOD IN GRAIN PRODUCTION	Dimitar YANKOV, Svetlana MANHART
	FUNCTIONAL FRAGMENTATION AND AGRICULTURAL COMPETITIVENESS: EVIDENCE FROM BULGARIA	Daniel PETROV, Veselin KRUSTEV, Vassil STOYCHEV, Dilyiana BOYADZHIEVA
	TRENDS IN SUNFLOWER CULTIVATED AREA, PRODUCTION AND YIELDS AT THE GLOBAL LEVEL AND IN THE EUROPEAN UNION, 2021-2025, AS A FEEDBACK TO FOOD AND ENERGY CRISIS, ENVIRONMENT PROTECTION, BIODIVERSITY PRESERVATION, CLIMATE CHANGE AND CONFLICTS IMPACT	Agatha POPESCU, Alina MARCUTA, Liviu MARCUTA, Cristina TINDECHE, Adelaida HONTUS, Carmen ANGELESCU, Mirela STANCIU
	STUDY ON THE IMPACT OF IMPLEMENTING AN AGRIP PROJECT ON INTRA-COMMUNITY TRADE CHANGES OF ROMANIA'S DAIRY PRODUCTS WITH GREECE AND CYPRUS	Octavian PÂNZARU, Marius VLADU, Alexandru FINTINERU, Dragoș Mihai MEDELETE, Dragoș SMEDESCU
	ECONOMIC EFFICIENCY OF HIGH-OLEIC SUNFLOWER HYBRIDS IN SOUTHERN BULGARIA	Dimitar YANKOV, Svetlana MANHART
	THE INFLUENCE OF FOOD PRICE INDICES ON FOOD WASTE IN THE EUROPEAN UNION	Daniel NIJLOVEANU, Dumitrel-Victor TITA, Marius-Mihai MICU, Nicolae BOLD, Cosmina-Andreea SMEDESCU

Time	Activity	Presenter(s)
	FOOD CHAIN IN BULGARIA: REGIONAL DIFFERENCES, FARMERS' MARKETS AND SUSTAINABLE DEVELOPMENT	Monika KABADZHOVA, Rumena GANDEVA, Mihaela MIHAILOVA
	TRENDS IN WHEAT MAJOR GROWING AREAS, PRODUCTION, YIELDS, CONSUMPTION, EXPORT AND IMPORT AT THE GLOBAL LEVEL AND IN THE EUROPEAN UNION	Agatha POPESCU, Toma Adrian DINU, Elena STOIAN, Valentin ȘERBAN
	NATURAL AND CLIMATIC CHALLENGES TO THE MAIN FIELD CROPS – FOLLOWING THE EXAMPLE OF THE REGIONS OF RUSE, PLEVEN AND VELIKO TARNOVO, BULGARIA	Georgi ANGELOV, Elena YORDANOVA, Tsvetan MARKOV, Iliyana KRASTEVA
	CHARACTERISTICS OF THE BULGARIAN WINE GRAPE MARKET – Daniela DIMITROVA	Yordanka BELBEROVA, Nikolay ILIEV, Nikolay GENOV, Emil TSVETANOV
	ASSESSING POTATO YIELD PERFORMANCE UNDER CLIMATE CHANGE IN THE EAST OF THE CENTRAL DEVELOPMENT REGION OF ROMANIA	Dana Maria (OPREA) CONSTANTIN, Elena GRIGORE, Nicoleta IONAC, Florina TATU, Florentina Iuliana MINCU, Maria-Gabriela RADU, Giorgiana Daiana LÜFTNER, Raul Gabriel ILEA, Bianca SIMION
	EXCHANGE TRADING FOR AGRICULTURAL PRODUCTS IN BULGARIA IN THE CONTEXT OF SUSTAINABLE AGRICULTURAL DEVELOPMENT	Iskra NENCHEVA, Nikolay PENEV
	ENERGY TRANSITION AND ITS STRUCTURAL IMPLICATIONS FOR THE DEVELOPMENT OF AGRICULTURE IN THE REPUBLIC OF MOLDOVA	Boris CORETCHI, Vitalie TOMA, Lida CUCOȘ
	STUDY ON THE IMPACT OF IMPLEMENTING AN AGRIP PROJECT ON INTRA-COMMUNITY TRADE OF ROMANIAN FRUITS WITH SWEDEN AND BULGARIA	Octavian PÂNZARU, Dragoș Mihai MEDELETE, Alexandru FINTINERU, Marius VLADU, Dragoș SMEDESCU
	GARLIC CULTIVATION - ECONOMIC OPPORTUNITY AND AGRICULTURAL PROSPECTS IN ROMANIA	Cosmin-Andrei BURCEA, Mariana BURCEA, Mihai GIDEA

Time	Activity	Presenter(s)
	COMPARATIVE EVALUATION OF PLANT ESTABLISHMENT METHODS IN EGGPLANT: CASE STUDY ON MIRVAL F1 AND BLACK PEARL F1 HYBRIDS	Anamaria CIUBOTARITA, Vasile STOLERU
	AGRICULTURAL INTEGRATION AND LAND OWNERSHIP CONSOLIDATION IN BULGARIA	Minko GEORGIEV, Monika KABADZHOVA
	MANAGEMENT PRACTICES AND MANAGEMENT DECISIONS IN COOPERATIVE ORGANIZATIONS - A STUDY CASE-BULGARIA	Nadezhda PETROVA, Darina STOYANOVA
	THE BULGARIAN COOPERATIVE MODEL: ECONOMIC, SOCIAL AND GOVERNANCE DIMENSIONS	Todorka ATANASSOVA, Ivanka STOYCHEVA, Zlatina DIMOVA
	COMPARISON OF AGRICULTURAL MODELS UNDER DIFFERENT INSTITUTIONAL FRAMEWORKS: FORECAST OF THE TRADE BALANCE IN BULGARIA AND TURKEY UNTIL 2030	Rumena GANDEVA, Minko GEORGIEV
	INEQUALITIES IN ACCESS TO HEALTH SERVICES BETWEEN RURAL AND URBAN ENVIRONMENTS IN THE EU AND IMPLICATIONS ON SUSTAINABLE DEVELOPMENT	Ion Victor FERARU, Liviu MĂRCUȚĂ, Cristiana TINDECHE, Valentina SIMION, Anca Angela SIMIONESCU, Alina MĂRCUȚĂ
	AGRICULTURAL CONTRACTS: GOVERNANCE, HYBRID STRUCTURES, COSTS AND DIGITAL TRANSFORMATION	Minko GEORGIEV, Rumena GANDEVA
	INTER-ANNUAL VARIABILITY OF FOOD INSECURITY – COMPARATIVE ANALYTICAL APPROACH IN AFRICA	Teodor Ioan TRASCA, Ioana Mihaela BALAN, Bogdan Petru RADOI, Nicoleta MATEOC-SIRB, Gina FINTINERU, Adrian HADEAN, Ciprian Ioan RUJESCU, Aisha SIMBIAT HUSSAINI, Annie GAISE MAGOMBOANE, Sorin Mihai CIMPEANU

<b>Time</b>	<b>Activity</b>	<b>Presenter(s)</b>
	STUDIES ON THE STRUCTURE AND SCALE OF CONTRACTUAL RELATIONS IN BULGARIAN AGRICULTURE	Mihaela MIHAILOVA, Monika KABADZHOVA
	RESEARCH ON ECONOMIC RESILIENCE THROUGH THE APPLICATION OF EFFICIENT TECHNOLOGIES TO SOYBEAN CULTURE IN THE REPUBLIC OF MOLDOVA	Lilia ȘARGU, Angela TIMUȘ, Elena IURCU-STRĂISTAR, Natalia CÎRLIG
	AGRICULTURAL INCOME CONVERGENCE IN THE EUROPEAN UNION AFTER EASTERN ENLARGEMENT: EVIDENCE FROM SIGMA, BETA AND CLUB CONVERGENCE TESTS	Adrian NICOLAU, Brindusa Mihaela RADU
	THE BENEFITS OF ESTABLISHING A LAVENDER CULTURE USING ARTIFICIAL INTELLIGENCE	Roxana-Gabriela POPA, Emil-Cătălin ȘCHIOPU, Violeta-Ramona CAZALBAȘU, Irina-Ramona PECINGINĂ
	THE ROLE OF PUBLIC POLICIES IN STRENGTHENING THE RESILIENCE AND COOPERATION OF AGRICULTURAL PRODUCERS IN THE CIS REGION	Lilia ȘARGU, Viorica POPA, Sergiu ȚIRIGAN, Cristina UNGUR
	STRUCTURAL DIFFERENCES IN THE FACTOR IMPACT OF AGRICULTURAL YIELDS IN THE EUROPEAN UNION	Rumena GANDEVA, Mihaela MIHAILOVA, Monika KABADZHOVA
	ANALYSIS OF FOOD ACCESS IN BULGARIA AS A BASIS FOR FOOD SECURITY	Tsvetan MARKOV, Elena YORDANOVA, Georgi ANGELOV, Iliyana KRASTEVA
	THE ROLE OF LOCAL ACTION GROUPS IN DEVELOPING SHORT FOOD SUPPLY CHAINS IN ROMANIA (2014-2022) WITH EARLY EVIDENCE FROM THE 2023-2027 CAP STRATEGIC PLAN	Beatrice-Andreea NEICU (ZAHARESCU), Gina FINTINERU
	THE IMPACT OF SYSTEMIC CRISES ON ACCOUNTING INDICATORS IN AGRICULTURAL FARMS IN ROMANIA: A COMPARATIVE ANALYSIS (2019-2021)	Alexandra TANASA, Iuliana Eugenia GEORGESCU, Roxana- Georgiana BOBEICĂ
	AN APPROACH FOR DETERMINING AND ANALYZING THE PRICE DYNAMICS OF DESSERT GRAPES AND WINE GRAPES	Delyana DIMOVA, Anelia POPOVA

<b>Time</b>	<b>Activity</b>	<b>Presenter(s)</b>
	STATUS AND TRENDS IN AGRICULTURAL LAND USE IN BULGARIA	Iliyana KRASTEVA, Elena YORDANOVA, Georgi ANGELOV, Tsvetan MARKOV
	GROSS DOMESTIC PRODUCT GROWTH VERSUS FOOD INSECURITY IN AFRICA - INSIGHTS FROM NIGERIA AND DR CONGO	Ioana Mihaela BALAN, Teodor Ioan TRASCA, Monica OCNEAN, Bogdan Petru RADOI, Aisha SIMBIAT HUSSAINI, Annie GAISE MAGOMBOANE, Sorin Mihai CIMPEANU
	CLIMATE CHANGE AND HYDROCLIMATIC CONSTRAINTS FOR AGRICULTURE IN THE HISTORICAL BANAT REGION OF ROMANIA	Ionel SAMFIRA, Florin PRUNAR, Nicolae Marinel HORABLAGA, Veronica SARATEANU, Diana OBIȘTIOIU, Károly BODNAR
	THE STATUS OF ORGANIC AGRICULTURE IN ROMANIA COMPARED TO OTHER EUROPEAN UNION MEMBER STATES	Andrei-Mihai GAFENCU
	DEMOGRAPHIC DYNAMICS AND AGRARIAN TRANSFORMATION OF RURAL AREAS IN BULGARIA: ANALYSIS OF CHALLENGES, TRENDS, AND STRATEGIC PERSPECTIVES (2024-2030)	Violetka ZHELEVA
<b>19:00</b>	<i>Official Gala Dinner- Cultural Event</i>	<i>CERES Restaurant, USAMV Campus</i>

## Day 2 – Friday, June 5, 2026

FMDR Building, 1<sup>st</sup> Floor, Amphitheatre P33

### SESSION I

*Session Chairman: Professor Toma Adrian DINU*

*Moderator: Assoc. prof. Victor TIȚA*

Time	Activity	Presenter(s)
8:00	<i>Registration of participants</i>	
9:00	<i>Welcome and Conference Section Opening</i>	Marius Mihai MICU Dragos SMEDESCU
9:10	<i>Oral Presentations</i>	
	DESIGNING FUTURE-PROOF DIGITAL DECISION SUPPORT SYSTEMS FOR AGRIBUSINESS THROUGH SCENARIO PLANNING	Ariane VOGLHUBER-SLAVINSKY, Ewa DÖNITZ
	THE IMPACT OF AGRICULTURAL POLICY ON INCREASING PRODUCTIVITY IN WHEAT CULTIVATION	Alexandru DOBRE, Dragoș SMEDESCU
	PERCEPTION OF SMALL AND MEDIUM-SIZED PORK PRODUCERS IN THE REPUBLIC OF MOLDOVA ON FOOD SAFETY REGULATIONS AND ECONOMIC SUSTAINABILITY	Aurelia LITVIN, Larisa CAISIN, Ana RAILEANU, Aliona IONESCU
	INSTITUTIONAL CHALLENGES AND FRAUD RISKS IN THE MANAGEMENT OF FUNDS FOR RURAL DEVELOPMENT	Cristina GNATIUC
	ANALYSIS OF THE IMPACT OF EUROPEAN FUNDING PROGRAMS FOR YOUNG FARMERS IN THE NORTH-EAST REGION OF ROMANIA	Armand PALANCIANU, Cosmina SMEDESCU, Valentina TUDOR, Giorgiana BARBU, Alina MĂRCUȚĂ, Liviu MĂRCUȚĂ, Dragoș SMEDESCU
	THE CONTRIBUTION OF SCHOOL FOOD POLICIES TO THE DEVELOPMENT OF THE LOCAL FOOD SYSTEM	Adriana Mirela BRÎNZEĂ, Ana Maria SCRIPA, Gina FÎNTÎNERU

Time	Activity	Presenter(s)
	DETERMINING INTERACTIONS BETWEEN LIVESTOCK SYSTEMS AND GREENHOUSE GAS EMISSIONS: THE CASE OF ROMANIA (2008-2024)	Mariana Carmelia BĂLĂNICĂ DRAGOMIR, Mirela CREȚU, Marian COADĂ, Cecilia ȘERBAN, Geanina Marcela PODARU, Maricica STOICA
	ASSESSING THE SUPPORT NEEDS OF FARMERS IN PERI-URBAN AREAS: EVIDENCE FROM ILFOV COUNTY, ROMANIA	Georgiana Lola ENE (MACIUCEANU), Adina Magdalena IORGA, Carina DOBRE, Elena TOMA (DIACONU)
	AGRICULTURAL POLICY MEASURES IN AZERBAIJAN: TOWARDS GREEN SUBSIDIES	Anar HATAMOV, Ruhiyya GAMBAROVA, Yegana ABBASOVA, Valida SALIYEVA, Samaya BABAYEVA
	AGRICULTURAL EXPORT MARKET DIVERSIFICATION OF AZERBAIJAN: EVIDENCE FROM SELECTED EUROPEAN COUNTRIES	Anar HATAMOV, Asli GURBANOVA, Ruhiyya GAMBAROVA, Yegana ABBASOVA, Fariz SULEYMANOV, Valida SALIYEVA, Samaya BABAYEVA
	HISTORICAL OVERVIEW OF THE BULGARIAN ROSE OIL EXPORT	Miroslava KOSTOVA KARABOYTCHEVA, Dora DONCHEVA
11:00	<i>Coffee break</i>	

## SESSION II

*Chairman: Professor Valentina TUDOR*

*Moderator: Lecturer Iulia ZAHARIA*

Time	Activity	Presenter(s)
11:30	<i>Oral Presentations</i>	
	ASSESSING FARMERS AND FORESTERS READINESS FOR RENEWABLE ENERGY ADOPTION AND ENERGY COMMUNITY PARTICIPATION	Konstantin STOYANOV
	THE USE OF EDIBLE MUSHROOMS AS NON-WOOD FOREST PRODUCTS IN ROMANIA AND SERBIA – CURRENT TRENDS AND FUTURE PERSPECTIVE	Anđela VASIĆ, Cristian Mihai ENESCU
	ANALYSIS OF KEY SOCIO-ECONOMIC INDICATORS IN ILFOV COUNTY. A CASE STUDY OF THE BUFTEA AREA	Andreea-Roxana FIRĂŢOIU, Irina-Adriana CHIURCIU, Elena SOARE, Liviu MĂRCUŢĂ
	ASSESSMENT OF FARM SUSTAINABILITY IN THE VULNERABLE SECTORS OF THE EUROPEAN UNION – PERMANENT CROPS	Veselin KRUSTEV, Daniel PETROV, Vassil STOYCHEV, Dilyana BOYADZHIEVA
	FROM WASTE TO VALUE: ADDRESSING FOOD LOSS IN THE REPUBLIC OF MOLDOVA	Laureana ODAJIU, Stanciu SILVIUS
	APPLICATION OF GEOAI TECHNIQUES IN REGIONAL ECONOMIC POTENTIAL ASSESSMENT	Florica MATEI, Tudor SĂLĂGEAN, Cristian MĂLINAŞ, Mircea NAP, Adina Lucia TRUŢĂ, Elemer Emanuel ŞUBA, Adela Maria NEAG, Raoul Alin ROMAN, Silvia CHIOREAN, Ioana Delia POP
	FORMULATING DEVELOPMENT STRATEGIES FOR COMMUNITY-BASED AGRITOURISM IN PUJON KIDUL VILLAGE, MALANG REGENCY USING AN AHP-SWOT FRAMEWORK	Nirwikara Widhiwidhana PRASETYANTO, Lucyana TRIMO, Iwan SETIAWAN, Endah DJUWENDAH, SUHARTINI

<b>Time</b>	<b>Activity</b>	<b>Presenter(s)</b>
	TRENDS IN ROMANIAN AGRITOURISM DURING 2019-2024: A PRE-AND POST-COVID-19 ANALYSIS	Adriana MOREA, Anca PLEȘA, Victoria POP MOLDOVAN (RUSU)
	AGROTOURISM DEVELOPMENT IN THE GALAȚI-CAHUL-GAGAUZIA CROSS-BORDER AREA: A STRUCTURAL AND STRATEGIC ASSESSMENT	Silvius STANCIU, Sergiu CORNEA, Alexandru STRATAN, Elena BUJOR
	RESEARCH ON THE DEVELOPMENT OF AGROTOURISM ACTIVITIES IN THE ROMANIA-REPUBLIC OF MOLDOVA CROSS-BORDER AREA	Elena BUJOR, Sergiu CORNEA, Alexandru STRATAN, Silvius STANCIU
	CRITICAL ANALYSIS OF THE EFFECTIVENESS OF EUROPEAN DIGITAL INNOVATION HUBS (EDIHS) IN THE AGRI-FOOD SECTOR	Kostadin PENCHEV, Konstantin STOYANOV
	SMART AGRICULTURE AND TECHNOLOGICAL INNOVATION AS FACTORS OF TRADE COMPETITIVENESS IN THE AGRICULTURAL SECTOR OF THE REPUBLIC OF MOLDOVA	Lida CUCOS, Boris CORETCHI, Vitalie TOMA
<b>13:30</b>	<i>Lunch</i>	

## SESSION III

*Chairman: Assoc. prof. Dragoş SMEDESCU*

*Moderator: Lecturer Irina CHIURCIU*

Time	Activity	Presenter(s)
14:30	<i>Oral Presentations</i>	
	FARM MANAGEMENT INFORMATION SYSTEMS IN ROMANIA: A COMPARATIVE ANALYSIS OF MARKET CHARACTERISTICS, CAPACITIES AND GAPS	Ciprian-Dan MILITARU, Bogdan Costin BECHERU, Bogdan GRECU, Alexandru CIOBANU, Bianca NIȚULESCU, Tiberiu IANCU, Valentina Constanța TUDOR
	A DATA-DRIVEN AND NETWORK-BASED SYSTEMIC APPROACH TO ASSESSING ANXIETY-RELATED CONSUMER BEHAVIOR AND ASSOCIATED FOOD WASTE, AND THEIR INFLUENCE ON SUSTAINABILITY IN THE AGRI-FOOD CHAIN	DumitreI-Victor TIȚA, Nicolae BOLD, Daniel NIJLOVEANU, Claudia-Ionela TRUȘCA, Mirela-Georgiana OPREA
	FINANCING DIGITAL INNOVATION IN AGRICULTURE: A STUDY OF BULGARIAN SMES	Veronika PETKOVA, Dimitrina STOYANCHEVA
	COMPARATIVE ECONOMIC ANALYSIS BETWEEN THE NORTH-WEST AND NORTH-EAST REGIONS OF ROMANIA USING GIS TECHNIQUES	Cristian MĂLINAȘ
	INTEGRATION OF THE MOLDOVAN AGRI-FOOD SECTOR INTO THE EU MARKET IN THE CONTEXT OF THE DCFTA AGREEMENT: FROM NATURAL ADVANTAGES TO COMPETITIVENESS	Eugenia LUCASENCO, Alexandru CEBAN, Anatolie IGNAT
	DOES FINANCIAL CRIME UNDERMINE ECONOMIC FREEDOM? GLOBAL EVIDENCE ACROSS AGRICULTURE AND INDUSTRIAL ECONOMIES	Diana TOPOROVA, Neli MUNTEAN, Iulian MUNTEAN

Time	Activity	Presenter(s)
	ENERGY CONSUMPTION OF A SOLAR GREENHOUSE WITH NOCTURNAL THERMAL PROTECTION USING DOUBLE LAYERS COMPARED TO A CONVENTIONAL POLYCARBONATE SOLAR - CASE STUDY: FEBRUARY 2025	Bogdan ILIE, Yuxin TONG, Ionuț Ovidiu JERCA
	CIRCULAR ECONOMY MODELS IMPLEMENTABLE ON THE FOOD COMMERCE CHAINS: A MULTIPLIER EFFECTS PERSPECTIVE	Andy-Felix JITĂREANU, Elena LEONTE, Tatiana BALTAG, Carmen-Luiza COSTULEANU, Mioara MIHĂILĂ
16:30	<i>Coffee break</i>	
17:00	<i>Poster presentations</i>	
	SUSTAINABILITY AND ADDED VALUE OF THE COMMUNITY-LED LOCAL DEVELOPMENT APPROACH IN THE NORTHWESTERN REGION OF BULGARIA	Marina NIKOLOVA, Adelina ANGELOVA
	SUSTAINABLE DEVELOPMENT OF BULGARIAN AGRICULTURE AND ITS ABILITY TO MEET THE SUSTAINABLE DEVELOPMENT GOALS	Georgi ALEKSIEV, Darina STOYANOVA, Nadezhda PETROVA, Iskra NENCHEVA, Stefka MIHOVA
	SUSTAINABLE CIRCULAR PRODUCTION AND CONSUMPTION TRENDS AND POLICIES IN THE EUROPEAN UNION	Dumitru Florin FRONE, Simona FRONE
	SUSTAINABLE RURAL DEVELOPMENT OF SASCA MONTANA, CARAS-SEVERIN COUNTY, ROMANIA, THROUGH THE TOURISM VALORIZATION OF NATURAL AND CULTURAL RESOURCES	Dragos-Ciprian CHENDE, Tiberiu IANCU, Valentina TUDOR, Elena PET, Tabita ADAMOV, Ramona CIOLAC, Camelia MANESCU, Iuliana Ioana MERCE, Marius Ionut GORDAN, Ioana Anda MILIN

Time	Activity	Presenter(s)
	OPTIMIZATION OF AGRICULTURAL HOLDINGS THROUGH SUSTAINABLE PRACTICES - CASE STUDY OF SACOSU TURCESC COMMUNE, TIMIȘ COUNTY, ROMANIA	Camelia MĂNESCU, Tiberiu IANCU, Nicoleta MATEOC-SÎRB, Ramona CIOLAC, Tabita ADAMOV, Anda MILIN, Elena TONEA, Oana SICOE-MURG, Alina REGEP, Dragoș CHENDE
	STUDY ON THE RELATIONSHIP BETWEEN FOOD SECURITY, FOOD PRODUCTION AND RURAL AREAS IN BULGARIA	Krasimira SLAVEVA, Marina NIKOLOVA, Pavlin PAVLOV
	THE IMPACT OF TECHNOLOGICAL EVOLUTION AND EUROPEAN FUNDS FOR THE DEVELOPMENT OF RURAL COMMUNITIES. CASE STUDY – GALATI COUNTY	Camelia EPURE, Silvius STANCIU
	GAPS IN QUALITY OF TOURISM IN BULGARIAN RURAL AREAS	Georgi ALEKSIEV, Violetka ZHELEVA
	EFFICIENCY OF INVESTMENTS IN RURAL TOURISM BETWEEN DEVELOPMENT AND PERFORMANCE	Valentina Constanța TUDOR, Cornelia Marilena DAMIAN (BADEA), Marius Mihai MICU, Dragoș Ion SMEDESCU, Alina Gabriela MĂRCUȚĂ, Mihaela IANCU
	HOSPITALITY SERVICE MANAGEMENT DURING THE WINTER SEASON IN TRADITIONAL MOUNTAIN AREAS. THE CASE OF MARAMUREȘ COUNTY, ROMANIA	Dana Valeria BONCA, Ramona Vasilica BACTER, Alina Emilia Maria GHERDAN, Ana Cornelia PEREȘ, Denis Paul BACTER, Anthony Rafael MAGHIARI, Alexandra UNGUREANU

Time	Activity	Presenter(s)
	INVESTMENTS. THEORY VERSUS APPLICABILITY. PARTICULARITIES AND THE ROLE OF STRUCTURAL FUNDS IN RURAL TOURISM IN ROMANIA	Cornelia Marilena DAMIAN (BADEA), Liviu MĂRCUȚĂ, Cristiana TINDECHE, Cosmina Andreea SMEDESCU, Daniela REBEGA, Valentina Constanța TUDOR
	WHERE RURAL TOURISM MEETS SMART AGRICULTURE: A BIBLIOMETRIC ANALYSIS	Isidoros PERIKOS, Alina-Cerasela ALUCULESEI, Nicoleta-Luminița GUDĂNESCU, Sorin IONIȚESCU, Dragoș SMEDESCU
	EVALUATING THE PRECIPITATION DEPENDENCE OF CROP FARMS - CASE STUDY IN THE ROMANIAN PLAIN	Adrian Gheorghe FIRU NEGOESCU, Sebastian MOISA, Ioana Mihaela BĂLĂN, Ioana Anda MILIN, Ciprian Ioan RUJESCU
	PLANT RESEARCH CENTERS OF EXCELLENCE AS DRIVERS OF THE EUROPEAN BIOECONOMY AND SOCIO-ECONOMIC DEVELOPMENT	Krum HRISTOV, Petar KAZAKOV, Rositsa BELUHOVA, Dimo ATANASOV
	NAVIGATING THE BIOECONOMY PATH: SURVEY INSIGHTS INTO BUSINESS MOTIVATIONS AND BARRIERS ACROSS BULGARIA AND EUROPE	Elena GOSPODINOVA, Darina ZAIMOVA, Rosen DIMOV
	VOLUNTARY CARBON MARKETS IN AGRICULTURE: A COMPARATIVE ANALYSIS BETWEEN ROMANIA AND THE EUROPEAN UNION	Constantin - Dragos DUMITRAS, Geta - Mirela ISPAS, Claudiu - Ovidiu AILIOAEL, Oana COCA, Gavril STEFAN
	AN INTEGRATED APPROACH FOR PROMOTING SUSTAINABLE GRAINS: THE ECONOMIC IMPACT OF RAIL FREIGHT TRANSPORT	Ramona Raluca STOIA, Daniela CIRNATU, Cosmina Carmen FLORICA, Anca DRAGHICI
	APPLICATION OF DIGITAL MARKETING IN BULGARIAN SMALL AND MEDIUM-SIZED WINERIES	Vladimir DIMITROV, Daniela DIMITROVA, Nikolay GENOV, Emil TSVETANOV

Time	Activity	Presenter(s)
	THE EVOLUTION OF INTERNET OF THINGS (IOT) TECHNOLOGIES IN PRECISION AGRICULTURE IN THE EU	Nijloveanu DANIEL, DumitreI-Victor TIȚA, Nicolae BOLD, Mirela Georgiana OPREA, Claudia-Ionela TRUȘCĂ
	DIGITAL FARM INDEX (DFI): REGIONAL DISPARITIES IN THE DIGITALISATION OF AGRICULTURE IN ROMANIA	Claudiu-Ovidiu AILIOAEL, Constantin - Dragos DUMITRAS, Oana COCA, Gavril STEFAN
	SOIL HEALTH IN RURAL ENVIRONMENTS: DRIVERS OF DEGRADATION AND CONSERVATION STRATEGIES FOR SUSTAINABLE AGRICULTURE	Ioan PĂCEȘILĂ, Emilia RADU
	IMPACT OF CLIMATE CHANGE ON THE ECONOMIC EFFICIENCY OF FODDER PRODUCTION FROM GRASS MIXTURES	Boryana CHURKOVA, Katerina CHURKOVA
	STATISTICAL ANALYSIS OF ECONOMIC INDICATORS AND THE NUTRITIONAL VALUE OF FORAGE FROM BIRD'S-FOOT TREFOIL FERTILIZED WITH BLAGO 5 AND FERTILEADER AXIS	Katerina CHURKOVA
	WINE TOURISM DEVELOPMENT MODELS: BEST PRACTICES FROM LEADING INTERNATIONAL DESTINATIONS	Andra - Elena GURGU, Gina FÎNTÎNERU
	ORGANIC WINE PRODUCERS BETWEEN PERCEPTIONS, MOTIVATIONS AND CHALLENGES: AN EXPLORATORY ANALYSIS	Cosmina Ionela VASILACHE, Constanta Laura ZUGRAVU, Gheorghe Adrian ZUGRAVU
	TRENDS IN RISK MANAGEMENT IN THE AGRICULTURAL SECTOR IN BULGARIA	Elena YORDANOVA, Georgi ANGELOV, Tsvetan MARKOV, Iliyana KRASTEVA

Time	Activity	Presenter(s)
	AN ANALYSIS OF CONSUMER PREFERENCES AND PERCEPTIONS OF BARREL-AGED WINES	Roxana Gabriela STOCHECI, Gabriela Lucica MARGARIT, Valerica Luminita VISAN, Diana Gabriela GROPOSILA CONSTANTINESCU, Razvan Ionut TEODORESCU, Benedetta TURCHETTI, Iuliana Diana BARBULESCU, Emanuel VAMANU
18:00	<i>Final Discussions and Conclusions</i>	





















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