

**UNIVERSITY OF CRAIOVA  
FACULTY OF HORTICULTURE**

in collaboration with

**Ministry of National Education and Scientific Research  
Ministry of Agriculture and Rural Development  
The Romanian Academy of Agriculture and Forestry - Craiova Branch  
The Romanian Horticultural Society- Craiova Branch**



## **PROGRAM BOOKLET**

**International Scientific Symposium**

**HORTICULTURE, FOOD AND  
ENVIRONMENT**

**Priorities and perspectives**

**27-28 October, 2016  
CRAIOVA**

*Dear colleagues,*

*The Board of the Faculty of Horticulture from the University of Craiova is pleased to invite you to attend the International Scientific Symposium*

*„Horticulture, Food and Environment – Priorities and perspectives“*

*that will be held on 27th-28th October 2016, at the University of Craiova- Faculty of Horticulture.*

*The Symposium is getting established as an interdisciplinary forum within horticulture, food, biology and environment sciences providing opportunities for exchange of knowledge, expertise, ideas and great networking. A wide array of scientific areas such as biodiversity, breeding, physiology, biotechnology, post-harvest technology, food quality and safety, biology, plant and environmental protection, ornamentals, landscape and urban environment etc. merge together and cross with recent developments in fruit, vegetable and ornamental crops. The conference welcomes scientists, researchers, teachers and students as well as professionals of the horticulture, food industry, biology and environment to establish new collaborations and contacts to present and discuss their findings.*

*We are looking forward seeing you in Craiova!*

*On behalf of the organizing committee,*

*Dean,  
Prof.PhD COSMULESCU SINA*

*Vice-dean,  
Prof.PhD NOUR VIOLETA*

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EDITURĂ UNIVERSITARIA**

The Organizing Committee is thanking to the following

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## International Scientific Symposium

### HORTICULTURE, FOOD AND ENVIRONMENT Priorities and perspectives

27 October 2016	
9h00 – 9h30	Registration of participants Faculty of Horticulture – <b><i>Lobby of the Blue Hall</i></b>
9h30 – 10h00	Opening ceremony
10h00 – 11h30	Keynote speakers - Plenary session Faculty of Horticulture – <b><i>The Blue Hall</i></b>
11h30 – 12h00	Coffee break
12h00 – 13h30	Oral presentations I <b>Faculty of Horticulture</b> Section 1 – Ground floor 228 Section 2 – Ground floor 233A
13h30 – 14h30	Lunch
14h30 – 16h45	Oral presentations II <b>Faculty of Horticulture</b> Section 1 – Ground floor 228 Section 2 – Ground floor 233A
16h45 – 17h15	Coffee break
17h15 – 18h30	Poster presentation
19h30	Festive Dinner
28 October 2016	
Technical tour on the route Craiova – Filiași – Strehaia – Corcova – Strehaia – Șimian – Drobeta Turnu Severin – Eșelnița (additional fee)	

#### Place of Symposium:

FACULTY OF HORTICULTURE

Address: 13 A.I. Cuza St., Craiova, Romania

## **PLENARY SESSION**

### **- Keynote speakers -**

10h00-10h15 – Aurel Popa (University of Craiova, Romania)

**OLTENIA – THE LITTLE VITICULTURAL ROMANIA**

**Mention spéciale de l'Organisation Internationale de la Vigne et du Vin dans la catégorie "Monographies", 2016**

Popa Aurel, Giugea Nicolae, Genoiu Traian Cătălin

10h15-10h30 – Stavros Lalas (Technological Educational Institute of Thessaly, Greece)

**MORINGA OLEIFERA. THE MIRACLE TREE**

S. Lalas, I. Karageorgou, G. Batra, V. Athanasiadis

10h30-10h45 – Valtcho D. Zheljazkov (Oregon State University, United States)

**ALLELOPATHIC EFFECTS OF TEN ESSENTIAL OILS ON SEED GERMINATION AND SEEDLING GROWTH OF WHEAT**

Zheljazkov Valtcho D.

10h45-11h00 – Dragoş Mihail Ştefănescu (University of Craiova, Romania)

**SPATIAL NICHE OVERLAP OF FALCON SPECIES IN EUROPE**

Ştefănescu Dragoş Mihail, Răduţoiu Daniel

11h00-11h15 – Alexandros Papachatzis (Technological Educational Institute of Thessaly, Larissa, Greece)

**EVALUATION OF POLYPHENOLS CONTENT AND ANTIOXIDANT ACTIVITY OF LEAVES FROM SOME TEMPERATE FRUIT TREES UNDER ENVIRONMENTAL CONDITIONS OF THESSALY REGION, GREECE**

Papachatzis Alexandros, Gougoulias Nikolaos, Wogiatzi Eleni, Kalfountzos Dimitrios

11h15-11h30 – Jane Paunkovic (Megatrend University, Belgrade, Serbia)

**SCIENCE PARK FOR SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE IN EAST SERBIA**

Paunkovic Jane, Sibinovic Zoran, Jovanovic Mihailo

## SECTION 1 HORTICULTURE AND FOOD SCIENCE

▪ Vegetable growing ▪ Fruit growing ▪ Viticulture ▪ Oenology ▪ Floriculture  
▪ Ornamental arboriculture ▪ Design and landscape architecture ▪ Food  
technology ▪ Biotechnology ▪ Food safety ▪

**Moderators:** Prof. BACIU AURELIAN ADRIAN, PhD.  
Prof. CICI DANIELA, PhD.

**Secretary:** Lecturer CĂPRUCIU RAMONA, PhD.  
Lecturer MANDĂ MANUELA, PhD.

### ORAL PRESENTATIONS I

12h00-12h15 – **QUANTITY AND QUALITY IN VARIETY OF TOMATOES  
ARGEȘ 16, OBTAINED FROM INCDBH ȘTEFĂNEȘTI**  
Bădulescu Adriana, Tița Ion

12h15-12h30 – **EXPERIMENTAL STUDY OF BAKERY PRODUCTS  
OBTAINED IN ELECTRICAL RESISTANCE HEATED OVENS AND  
OPPORTUNITIES TO IMPROVEMENT THE EFFICIENCY**  
Banica M., Șugar I.R., Ungureanu N., Pădureanu V., Săsăran B.S.

12h30-12h45 – **RESEARCH REGARDING THE CULTURE OF  
WATERMELON WITH GRAFTED PLANTS – POSSIBLE ECOLOGICAL  
CULTURE**  
Ciupureanu (Novac) Mihaela Gabriela, Ciuciuc Elena, Pintilie Ioan,  
Popa Daniela

12h45-13h00 – **THE POTENTIAL OF ROMANIAN AND SWEDISH  
WILLOW FOR SHORT ROTATION COPPICE. A COMPARATIVE ANALYZE IN  
THE BANAT PLAIN**  
Hernea Cornelia, Corneanu Mihaela, Sarac Ioan, Turcu Emil

13h00-13h15 – **THE CROWN OF THE SWEET CHERRY TREES  
FORMATION ACCORDING TO THE NATURAL CROWN IMPROVED WITH  
REDUCED SIZE**  
Ivanov Igor

13h15-13h30 – **THE RELATION BETWEEN THE SOIL CONTENT OF  
MACROELEMENTS AND THE PLANT, FOR SOME APRICOT VARIETIES**  
Lascu Camelia, Hoza Dorel, Liliana Bădulescu

**13h30-14h30 – Lunch**

## **ORAL PRESENTATIONS II**

**14h30-14h45 – THE INFLUENCE OF PLANTING DENSITY ON THE FRUIT QUALITY AND ECONOMIC EFFICIENCY IN THE APPLE ORCHARD**

Manziuc Valerii

**14h45-15h00 – GENETIC DIVERSITY BASED ON THE MORPHOLOGICAL TRAITS OF THE WALNUTS FROM THE LOCAL POPULATIONS OF WALNUT TREES (*JUGLANS REGIA L.*) ON THE LEFT SIDE OF THE JIU RIVER**

Birsanu Ionescu Mariana, Cosmulescu Sina Niculina

**15h00-15h15 – TEMPERATURE INFLUENCE ON THE ESTHETIC QUALITIES OF VEGETABLES CULTIVATED ON GREEN WALLS IN BUCHAREST**

Marinescu-Duca Mihaela, Neata Gabriela, Atanasiu Nicolae, Campeanu Gheorghe

**15h15-15h30 – THE EFFECT OF STORAGE CONDITIONS ON WINE QUALITY**

Norocel Liliana, Gutt Gheorghe

**15h30-15h45 – SOME BIOCHEMICAL CHARACTERISTICS OF TOMATO CULTIVARS MADE IN ROMANIA**

Orzan Iozu Andreea, Câmpeanu Gheorghe, Neață Gabriela, Teodorescu Răzvan, Basarabă Adrian

**15h45-16h00 – RELATIVE AND ECONOMIC EFFICIENCY OF LOAD OF FRUIT CARGO BY VARIOUS THINNING METHODS**

Pesteanu Ananie, Croitor Alexandr

**16h00-16h15 – RESEARCH ON THE CHARACTERISTICS OF GROWTH AND PRODUCTIVITY OF SOME CORNICHON CUCUMBER CULTIVARS GROWN IN GREEN HOUSES**

Petcuci Andrei-Cătălin, Atanasiu Nicolae, Neață Gabriela, Câmpeanu Gheorghe, Petcuci Alexandra

**16h15-16h30 – INFLUENCE OF LACTIC ACID ADDITION ON COLOR AND CHEMICAL PROPERTIES OF FRESH PREPARED ORANGE JUICE**

Peter Anca, Nicula Camelia, Kovacs Evelin, Mihaly-Cozmuta Leonard, Mihaly-Cozmuta Anca

**16h30-16h45 – VARIATIONS IN THE CHEMICAL COMPOSITION OF BISCUITS OBTAINED THROUGH TRADITIONAL METHODS AND INDUSTRIAL PROCESSING**

Șugar I.R., Petrișor Alina, Giurgiulescu L., Banică M., Ungureanu N.

## **POSTER PRESENTATIONS**

### **CLIMATE CONDITIONS INFLUENCE ON VITICULTURAL YEAR ON GRAPE MATURATION IN THE SÂMBUREȘTI VINEYARD**

Băducă Cîmpeanu C., Stoica Felicia, Muntean Camelia

### **RESEARCHES REGARDING ROOTING GRAPEVINE PLANTING MATERIAL, MODERN METHODS OF CULTURE**

Bădulescu Adriana, Tița Ion, Fîciu Lidia

### **STUDY ON FARMS SIZE IN ROMANIA AND OTHER COUNTRIES OF THE EUROPEAN UNION**

Băneș Adrian, Goșa Vasile, Orboi Manuela Dora

### **COMPARATIVE STUDY REGARDING THE EVOLUTION OF ORGANIC TEMPERATE FRUIT AREA IN ROMANIA AND OTHER EUROPEAN COUNTRIES**

Băneș Adrian, Orboi Manuela Dora

### **THE EFFECT OF THE CHERRY CROWN FORMATION TO STRENGTHEN THE HARVEST TREES, PRODUCTIVITY AND FRUITS QUALITY IN THE SUPER INTENSIVE SYSTEM**

Balan Valerian, Ivanov Igor

### **REDUCTION OR REPLACEMENT OF NITRITE IN PROCESSED MEAT PRODUCTS**

Boruzi Andrei Iulian, Violeta Nour

### **CHARACTERIZATION OF FRUIT BOTANICAL ORIGIN USING STABLE ISOTOPES**

Botoran Oana-Romina, Costinel Diana, Popescu Raluca, Ciucure Corina, Ionete Roxana Elena

### **OENOTOURISM – A NEW FORM OF MANIFESTATION OF TOURISM IN OLTENIA**

Călugăru Iulian Viorel, Giugea Nicolae, Mărăcineanu Liviu

### **THE OLTENIAN OENOTOURISM BUSINESS OPPORTUNITY, PROMOTION AND SPECIFIC MARKETING**

Călugăru Iulian Viorel, Giugea Nicolae, Mărăcineanu Liviu

### **STUDY ON THE FLAVOURING POTENTIAL AND ANTIOXIDANT ACTIVITY OF THE BASIL ON THE CLASSICAL COMPOSITION OF MAYONNAISE**

Căpruciu Ramona, Vlădulescu Carmen

### **QUALITY CONTROL OF SOME RAW MATERIALS FOR STERILIZED CANNED VEGETABLES**

Căpruciu Ramona, Popescu Simona Mariana

**ASSESSMENT OF THE AGRO BIOLOGICAL QUALITIES OF THE SOME INTRASPECIFIC HYBRID ELITES FOR THE TABLE GRAPES COMPARED WITH THE PARENTAL FORMS BY THE METHOD OF THE DISTRIBUTION ON THE FREQUENCY CLASSES**

Ciobotea Cristina-Magdalena, Popa Camelia

**THE OPTIMIZATION OF FERTILIZER CONSUMPTION AT TOMATOES CROPS ON SANDY SOILS**

Ciuciuc Elena

**THE ISOLATION OF CERTAIN STRAINS OF YEAST WITH OENOLOGICAL QUALITIES IN WINE PRODUCTION FROM THE "DEALU BUJORULUI" VINEYARD**

Ciubuca Aurel, Postolache Elena, Birliga Nicolaie, Bora Florin Dumitru

**ASPECTS CONCERNING THE IMPROVING OF SOME TECHNOLOGICAL SEQUENCES ON WATERMELON CROP BY PLANTING DENSITY**

Ciupureanu (Novac) Mihaela Gabriela, Ciuciuc Elena, Pintilie Ioan, Popa Daniela

**RESEARCHES ON DEVELOPMENT OF PASTRY PRODUCTS WITH LOW CONTENT OF CARBOHYDRATES**

Constantinescu Cristina Gabriela

**RESEARCH STUDIES ON THE INFLUENCE OF APPLYING SUMMER PRUNING OPERATIONS ON THE QUANTITY AND QUALITY OF TABLE GRAPE VARIETIES PRODUCTION AT ŞIMNICUL DE SUS VITICULTURAL CENTRE**

Costea Dorin Constantin, Giugea Nicolae, Cichi Daniela Doloris, Căpruciu Ramona

**THE COMPARATIVE EFFECTS OF FAR-RED LIGHT AND UV-C LIGHT ON SOME PHYSICAL-CHEMICAL-MICROBIOLOGICAL ATTRIBUTES IN THE RED BELL PEPPERS (*Capsicum annuum* L) DURING STORAGE**

Cozmuta Anca Mihaly, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Liliana Crisan

**QUANTITATIVE AND QUALITATIVE ANALYSIS OF YOUNG FARMERS TRENDS OF MAGNESIA GREECE**

Dimokas George, Vrantza Maria, Nikolaidou Parthena, Pappas - Zois Evaggelos, Lykas Christos

**OPTIMIZATION OF PRODUCTION PROCESS FOR VEGETABLE GREENHOUSE CROPS**

Dimokas George, Nikolaidou Parthena, Pappas - Zois Evaggelos, Papachatzis Alexandros

**STRUCTURE RESEARCH AND MANAGEMENT MEASURES OF ALDER RIPARIAN FOREST IN LAKE VOLVI, N. GREECE**

Efthimiou Georgios, Demetrios Ratzas, Nikolaos Karras

**THE STUDY OF SOIL WATER REGIME IN SOUTHERN MOLDAVIA WITH REFERENCE TO DEALU BUJORULUI VINEYARD**

Enache Viorica

**VARIATION IN CHEMICAL COMPOSITION OF WHITE WINES CONTAMINATED WITH MOLDS**

Giurgiulescu L., Vagelas I., Gougoulis N., Stoica Felicia, Bănică M., Ungureanu N.

**THE BIODEGRADATION OF *POSIDONIA OCEANICA* L. AND *OCIMUM BASILICUM* L. FOLIAR TISSUES IN SOIL DURING INCUBATION, AND THEIR EFFECTS ON SOIL CHEMICAL PROPERTIES**

Gougoulis Nikolaos, Wogiatzi Eleni, Papachatzis Alexandros, Salonikioti Afroditi, Tsiountsioura Vassiliki, Chouliara Adamantia

**THE BIODEGRADATION OF DRY BLOOD IN SOIL, AND EFFECTS FROM MIXTURE MANURE AND DRY BLOOD ON SOIL CHEMICAL PROPERTIES**

Gougoulis Nikolaos, Kalfountzos Dimitrios, Tsiakalos Athanasios, Salonikioti Afroditi, Tsiountsioura Vassiliki, Papachatzis Alexandros

**NUTRITIONAL VALUE OF EUROPEAN BIRD CHERRY (*Prunus padus* L.) AND BLACKTHORN (*Prunus spinosa* L.) FRUITS**

Ionică Mira Elena, Nour Violeta

**RESISTANCE TO DOWNY MILDEW (*PLASMOPARA VITICOLA*) UNDER FIELD CONDITIONS OF NEWLY SELECTED CANDIDATE VARIETIES AND ELITE FORMS**

Ivanov Miroslav, Nakov Zdravko, Iliev Anatoli, Simeonov Iliyan

**THE EFFECTS OF GROUNDWATER USED FOR THE APPLICATION OF FOLIAR FERTILIZER TO SUMMER-AUTUMN TOMATO CROP**

Lascu Nicolae, Popescu Simona-Mariana, Buznă Cristina

**THE EFFECTS OF FOLIAR FERTILIZATION OF EARLY TOMATOES - PRODUCTION AND PROFITABILITY RATE**

Lascu Nicolae, Popescu Simona-Mariana, Zăvăleanu M.C

**THE INFLUENCE OF GROWTH RETARDANTS AND SUBSTRATE VOLUME ON GROWTH OF *HEMIGRAPHYS REPANDA* L.**

Mandă Manuela, Nicu Carmen

**INCREASING PRODUCTIVITY OF APPLE OCHARD BY USING THE GROWTH REGULATOR BASED ON PROHEXADION-CALCIUM**

Marandici Stefan

**ESTABLISHING THE QUALITY INDICATORS OF THE RED WINES IN DRAGĂȘANI VINEYARD**

Muntean Camelia, Stoica Felicia, Băducă Constantin

**EFFECT OF SALICYLIC ACID ON GROWTH AND FLOWERING OF AFRICAN MARIGOLD PLANTS**

Nicu Carmen, Manda Manuela

**OPTIMUM EXTRACTION YIELD OF TANNING SUBSTANCES IN GRAPE BUNCHES OF FETEASCA REGALA AND FETEASCA ALBA**

Niculescu Violeta, Stegarus Diana, Ciucure Corina, Baltas Mihaela, Lengyel Ecaterina, Tita Ovidiu

**UNIFORMITY OF SOME TOMATO CULTIVARS GROWN FOR INDUSTRIALIZATION IN ROMANIA**

Orzan Iozu Andreea, Câmpeanu Gheorghe, Neață Gabriela, Teodorescu Răzvan, Basarabă Adrian

**THE DESIGN OF HACCP SYSTEM IN MIXTURE OF SEAFOOD CHOPPED TECHNOLOGY**

Popa Vioreca-Mirela, Raba Diana Nicoleta, Dumbravă Delia-Gabriela, Moldovan Camelia

**BIOMETRIC CHARACTERISTICS OF VINE PROPAGATION MATERIAL AFTER TREATMENT OF VINE NURSERY WITH GARDOPRIM PLUS GOLD**

Prodanova-Marinova Neli, Tsvetanov Emil

**COMPARATIVE EVALUATION OF LUMAX 538 SC AND GARDOPRIM PLUS GOLD IN VINE NURSERY**

Prodanova-Marinova Neli

**CONSIDERATIONS REGARDING ROMANIAN LEGISLATION OF A WINE IN THE COMMON MARKET CONTEXT**

Preoteasa Ioan Flavius, Giugea Nicolae, Maracineanu Cristian Liviu

**STUDIES ON THE EVOLUTION OF THE WINE LABEL, FROM ART TO BRAND**

Preoteasa Ioan Flavius, Giugea Nicolae, Maracineanu Cristian Liviu

**BIODEGRADABLE AND EDIBLE MATERIALS FOR FOOD PACKAGING**

Puşcăşelu Roxana, Amariei Sonia

**COMPARATIVE STUDIES ON THE ACCUMULATION OF SOME METABOLITES AT *ORIGANUM MAJORANA* PLANTS MULTIPLIED BY *IN VITRO* CULTURE AND BY CONVENTIONAL METHODS**

Radomir Ana-Maria, Bejan Carmen, Tudor Radu Cristinel Mihai

**A HARMFUL INFLUENCE OF LOW TEMPERATURES ON GROWING GRAPEVINE IN SOUTH-WESTERN OLTENIA**

Răţoi I

**THE INFLUENCE OF PRESSURE AND VACUUM CYCLIC PROCESS IN ORDER TO IMPROVE *BEEF PASTRAMI* TENDERNESS**

Roşca Adrian, Roşca Daniela

**EFFECT OF HYDRODISTILLATION AND STEAM DISTILLATION ON ESSENTIAL OIL YIELD AND COMPOSITION OF SWEET BASIL AND HOLY BASIL**

Shiwakoti Santosh, Osama Saleh, Poudyal Shital, Barka Abdulsamad, Qian Yan-Ping, Zheljzkov Valtcho D.

**PLANTATION PRODUCTIVITY OF QUINCE ZAREA AND CODREANCA VARIETY DEPENDING ON THE PLANTING DISTANCE**

Sprincian Nicolae

**ESTERS COMPOUNDS IN ROMANIAN WINES**

Stegăruș Diana, Ciucure Corina, Lengyel Ecaterina, Tița Ovidiu

**QUANTIFICATION OF HIGHER ALCOHOLS IN ROMANIAN WINE BY GC-FID METHOD**

Stegăruș Diana, Ciucure Corina, Lengyel Ecaterina, Tița Ovidiu

**STUDIES ON CHEMICAL COMPOSITION AND SENSORY EVALUATION OF CRUDE AND AGING APPLES DISTILLATES**

Stoica Felicia, Muntean Camelia, Băducă Constantin

**PLEVENSKI FAVORIT – NEW WHITE INTERSPECIES TABLE GRAPES VARIETY**

Simeonov Iliyan, Ivanov Miroslav, Nakov Zdravko

**STUDIES ON COMBATING PATHOGENS AND PESTS VINES IN THE VINEYARD CLIMATIC CONDITIONS DEALUL BUJORULUI VINEYARD**

Tabaranu Gabriel, Viorica Enache, Bîrliga Nicolaie

**EVOLUTION PROCESS MATURATION SEMI-HARD CHEESE DEPENDING ON THE TEMPERATURE**

Tița Mihaela-Adriana

**THE INFLUENCE OF THE TEMPERATURE OVER FERMENTATION ACTIVITY OF AN *SCCHAROMYCES CEREVISIAE (OVIFORMIS)* STRAINS ISOLATED FROM SPONTANEOUS MICROFLORA**

Tuțulescu Felicia

**OSMOTIC PRESSURE EFFECT ON A STRAIN OF *SACCHAROMYCES CEREVISIAE (ELLIPSOIDEUS)* ISOLATED FROM WILD MICROFLORA**

Tuțulescu Felicia

**THE DESIGNATION OF ORIGIN AND GEOGRAPHICAL INDICATION - PRIMARY LEGAL CONCEPTS IN 'EUROPE 2020'**

Voinea-Mic Cătălin, Giugea Nicolae, Mărăcineanu Liviu

**EFFECT OF ORGANIC AND CHEMICAL FERTILIZERS ON DRY DROGUE YIELD, ESSENTIAL OIL CONTENT AND OIL COMPOSITION OF *MATRICARIA CHAMOMILLA* L. IN CENTRAL GREECE**

Wogiatzi Eleni, Chatzopoulou Paschalina, Gougoulas Nikolaos, Sarrou Eirini, Papachatzis Alexandros, Giannoulis Kyriakos

**EFFECT OF NITROGEN FERTILIZATION LEVEL ON YIELD, ESSENTIAL OIL PRODUCTION, TOTAL PHENOLICS CONTENT AND ANTIOXIDANT ACTIVITY OF *ROSMARINUS OFFICINALIS* L. LEAF AND OF THE ESSENTIAL OIL IN CENTRAL GREECE**

Wogiatzi Eleni, Gougoulas Nikolaos, Papachatzis Alexandros, Papadoulis Zoi, Theodosiou Vaia, Giannoulis Kyriakos

## **SECTION 2**

### **Biology and Environmental Engineering**

▪ Genetics ▪ Botany ▪ Plant physiology ▪ Animal physiology ▪ Biochemistry  
▪ Phytopathology ▪ Entomology ▪ Microbiology ▪ Ecology ▪ Biophysics and Agrometeorology ▪ Engineering and Environmental Protection ▪ Climate change ▪

**Moderators:** Prof. POPA DANIELA, PhD.

Lecturer ȘTEFĂNESCU DRAGOȘ, PhD.

**Secretary:** Lecturer BABALEAN ANDA, PhD.

Lecturer BUȘE DRAGOMIR LUMINIȚA, PhD.

### **ORAL PRESENTATIONS I**

12h00-12h15 – **SPECIES DIVERSITY OF THE GENUS PLATYBUNUS (ARACHNIDA, OPILIONES) IN RÂNCA – MOHORUL AREA (PARÂNG MTS., ROMANIA) – A MORPHOLOGICAL APPROACH**

Babalean Anda Felicia

12h15-12h30 – **ASPECTS REGARDING THE INFLUENCE OF SOME CLIMATIC FACTORS IN DYNAMIC EVOLUTION OF SOME PATHOGENS SPECIFIC TO APPLE CULTURE IN MĂRĂCINENI AREA BETWEEN 2014-2015**

Băloniu Laurențiu, Mitrea Rodi

12h30-12h45 – **THE EFFICIENCY OF SOME FUNGICIDES IN CONTROLLING THE MAIN PATHOGENS SPECIFIC TO APPLE CULTURE IN MĂRĂCINENI AREA BETWEEN 2014-2015**

Băloniu Laurențiu, Mitrea Rodi

12h45-13h00 – **PRELIMINARY STUDY REGARDING PHYTOPATOGENIC MOULDS OF SWEET POTATO TUBERS AND BIOLOGICAL CONTROL PERSPECTIVES**

Boiu-Sicuia Oana-Alina, Constantinescu Florica, Dinu Sorina, Drăghici Reta, Diaconu Aurelia

**13h00-13h15 – MONITORING THE MINING MOTH OF CHESTNUT  
CAMERARIA OHRIDELLA DESCHKA-DIMIĆ IN THE GREEN AREAS OF  
CARACAL**

Florice (Niculescu) Marilena, Mitrea Ion

**13h15-13h30 – FRUITS VARIABILITY OF *Setaria glauca* (L)P.B. WEED  
FROM THE ECOLOGY OF MAIZE CROP**

Ionescu Nicolae, Trașcă Florian, Ionescu Sorin-Gabriel,  
Georgescu Mihaela-Ioana, Săndulescu Elena, Penescu Aurelian

**13h30-14h30 – Lunch**

**ORAL PRESENTATIONS II**

**14h30-14h45 – FRUITS DIVERSITY OF A NEW *Bromus secalinus* L.  
ECOTYPE FROM WHEAT CROP**

Ionescu Sorin-Gabriel, Ionescu Nicolae, Trașcă Florian,  
Georgescu Mihaela-Ioana, Săvulescu Elena, Penescu Aurelian

**14h45-15h00 – CLIMATIC EVOLUTIONS IN THE EARLIEST SPRING  
(2016) IN THE SOUTH-WEST OF ROMANIA**

Marinică I., Marinică Andreea Floriana, Vătămanu V.V.

**15h00-15h15 – WATER IN THE HUMAN BODY**

Petrescu Florian Ion, Buzea Eleni Mimi, Petrescu Rely Victoria, Deacu Mirela,  
Nan Cătălina, Neacșa Marin

**15h15-15h30 – ENVIRONMENTAL PROTECTION THROUGH GREEN  
ENERGY**

Petrescu Rely Victoria, Buzea Eleni Mimi, Petrescu Florian Ion, Deacu Mirela,  
Nan Cătălina, Neacșa Marin

**15h30-15h45 – *TARAXACUM OFFICINALE* WEBER - A PLANT FOR  
PHYTOREMEDIATION**

Corneanu Gabriel, Corneanu Mihaela, Crăciun Constantin, Tripon Septimiu,  
Lăcătușu Anca-Rovena, Cojocaru Luminița

**15h45-16h00 – ISSUES CONCERNING FLOODS AND FLOODING FROM  
WATERCOURSES MANGALIA PLATEAU**

Pleșoianu Daniela-Mirela, Saioc Ana, Simionescu Violeta, Albu Anca

**16h00-16h15 – RARE SPECIES FROM ROMANIA THREATENED BY  
HABITAT DESTRUCTION: I. ZIZIPHORA CAPITATA L.**

Răduțoiu Daniel, Stan Ion, Ștefănescu Dragoș-Mihail

**16h15-16h30 – EVALUATION OF BISTREȚ IBA (IMPORTANT BIRD  
AREA) CONSERVATIVE POTENTIAL**

Ștefănescu Dragoș Mihail, Răduțoiu Daniel

16h30-16h45 – **NON-ALCOHOLIC FATTY LIVER DISEASE IN PATIENTS WITH TYPE 2 DIABETES**

Vladu Mihaela, Clenciu Diana, Mogoşanu Constantin, Firulescu Sineta Cristina, Efrem Ion Cristian

**POSTER PRESENTATION**

**ON AN OPILIONID (ARACHNIDA, OPILIONES) ASSEMBLAGE ON THE WALLS OF A MOUNTAIN CHALET**

Babalean Anda Felicia

**BREEDING AQUATIC BIRDS ON THE TERRITORY OF CRAIOVA CITY (DOLJ COUNTY, ROMÂNIA)**

Bălescu Carmen Daniela

**HISTO-ANATOMICAL AND PRELIMINARY PHYTOCHEMICAL RESEARCHES ON *SIDERITIS MONTANA* L. (*LAMIACEAE*) SPECIES**

Bejenaru Cornelia, Bejenaru Ludovic Everard, Biţă Andrei, Mogoşanu George Dan

**HISTO-ANATOMICAL AND PRELIMINARY PHYTOCHEMICAL RESEARCHES ON *PAEONIA PEREGRINA* MILL. (*PAEONIACEAE*) SPECIES**

Bejenaru Ludovic Everard, Bejenaru Cornelia, Mogoşanu George Dan, Biţă Andrei

**FLORISTIC RESEARCH IN THE MIDDLE BASIN OF THE RIVER OLTEŢ, AT TETOIU VILLAGE**

Burduşel Maria

**ABOUT THE VITAMINS C AND E**

Buzea Eleni Mimi, Petrescu Florian Ion, Petrescu Rely Victoria, Deacu Mirela, Nan Cătălina, Neacşa Marin

**THE AFFECTION OF ORAL CAVITY IN SYSTEMIC LUPUS ERYTHEMATOSUS**

Efrem Ion Cristian, Firulescu Sineta Cristina, Vladu Mihaela, Clenciu Diana

**EVALUATION OF THE ATTACK OF THE PATHOGEN *XANTHOMONAS CAMPESTRIS* PV. *JUGLANDIS* (PIERCE) DYE. AT CERTAIN GENOTYPES OF WALNUT TREE IN VÂLCEA AREA**

Giura Simona, Preda Silvia, Botu Mihai, Mitrea Rodi

**THE ROLE OF INFLAMMATION IN OBESITY**

Ionescu Elena, Gănescu Anca Elena, Moraru Andreiana

**PRL SECRETING PITUITARY TUMOR**

Ionescu Elena, Moraru Andreiana, Popescu Mihaela, Gănescu Anca Elena

**HISTO-ANATOMICAL AND PRELIMINARY PHYTOCHEMICAL RESEARCHES ON *SCUTELLARIA ALTISSIMA* L. (*LAMIACEAE*) SPECIES**

Kostici Roxana, Mogoşanu George Dan, Bejenaru Cornelia, Biţă Andrei, Bejenaru Ludovic Everard

***METCALFA PRUINOSA* (HOMOPTERA: FULGOROIDEA), NEW AND DANGEROUS PEST FOR LAWN IN OLTENIA**

Mitrea Ion

**HISTO-ANATOMICAL AND PRELIMINARY PHYTOCHEMICAL RESEARCHES ON *GERANIUM ROBERTIANUM* L. (*GERANIACEAE*) SPECIES**

Mogoşanu George Dan, Bejenaru Ludovic Everard, Biţă Andrei, Bejenaru Cornelia

**BILIRUBIN DYNAMICS IN PATIENTS TESTED AT MEDICAL DIAGNOSTIC CENTER EUROMEDICA CRAIOVA IN 2016**

Olaru Mariana Luminiţa, Ciupeanu Călugăru Eleonora Daniela

**ENVIRONMENTAL PROTECTION THROUGH NUCLEAR ENERGY**

Petrescu Rely Victoria, Petrescu Florian Ion, Neacşa Marin, Buzea Eleni Mimi, Deacu Mirela, Nan Cătălina

**STUDY ON THE IALOMIŢA RIVER WATER QUALITY DOWNSTREAM OF SLOBOZIA. IMPLICATIONS FOR ECONOMIC AND TOURISM ACTIVITIES**

Pleşoianu Daniela-Mirela, Simionescu Violeta, Ana Saioc, Anca Albu

**THE ROLE OF HLA IN THE NON-ALCOHOLIC FATTY LIVER DISEASE DEVELOPMENT PREDISPOSITION**

Popescu Mihaela, Neagoe Daniela, Caisan Ruxandra, Ionescu Elena, Gănescu Anca

**THE BIOREMEDIATION POTENTIAL OF *ATRIPLEX SAGITTATA* BORKH. FOR SOIL HYDROCARBON POLLUTION**

Popoviciu Dan Răzvan, Saledin Nevghiul, Bercu Rodica

**THE BIOREMEDIATION POTENTIAL OF *HORDEUM MURINUM* L. FOR SOIL HYDROCARBON POLLUTION**

Popoviciu Dan Răzvan, Teuşanu Roxana Florentina, Bercu Rodica

***PASPALUM DISCTICHUM* IN OLTENIA FLORA**

Răduţoiu Daniel, Ştefănescu Dragoş Mihail

**BIOCHEMICAL AND ANATOMICAL CHANGES IN YOUNG TOMATO PLANTS GROWN ON OIL SPILL CONTAMINATED SOIL**

Semerdjieva Ivanka, Koleva-Valkova Lyubka

**BENEFICIAL SPECIES FROM BOTANICAL GARDEN CRAIOVA**

Stan Cătălin, Ţucă Ovidiu Andrei

**ANTHROPOGENIC THREATS ON SOME INSECT SPECIES  
PROTECTED UNDER THE IUCN RED LIST IN THE PROTECTED AREA  
SLVOSTEPA OLTENIEI**

Țucă Ovidiu Andrei, Stan Cătălin, Ciupeanu Călugăru Eleonora Daniela

**THE ASSESSMENT OF NUTRITION STATUS IN PATIENTS WITH TYPE  
1 DIABETES MELLITUS DIAGNOSED OVER THAN 25 YEARS**

Vladu Mihaela, Clenciu Diana, Mogoșanu Constantin, Firulescu Sineta  
Cristina, Efreș Ion Cristian

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- Technological Educational Institute of Peloponnese, Kalamata, Greece
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- Technological Educational Institute of Sterea Hellas, Karpenissi, Greece
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