



## 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 Bucharest, Romania
- Adrian ASĂNICĂ - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Liliana BĂDULESCU - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Valentina BOZHKOVA - Fruit Growing Institute, Plovdiv, Bulgaria
- Daniela CICHI - University of Craiova, Romania
- Mirela CORDEA - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- Sina COSMULESCU - University of Craiova, Romania
- Elena DELIAN - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Alin DOBREI - Banat University of Agricultural Sciences and Veterinary Medicine Timisoara, Romania
- Elisabeta DOBRESCU - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Lucia DRAGHIA - University of Agricultural Sciences and Veterinary Medicine Iasi, Romania
- Franco FAMIANI - Università degli Studi di Perugia, Italy
- Gheorghe GLĂMAN - President of the Romanian Horticultural Society, Romania
- Luca Corelli GRAPPADELLI - University of Bologna, Italy
- Dorel HOZA - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Károly HROTKÓ - Corvinus University of Budapest, Hungary
- Olimpia IORDĂNESCU - Banat University of Agricultural Sciences and Veterinary Medicine Timisoara, Romania
- Karsten KLOPP - Obstbauversuchsanstalt Jork, Germany
- Carmen MANOLE - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Mekjell MELAND - Norwegian Institute of Agricultural and Environmental Research - Bioforsk, Norway
- Viorel MITRE - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- Adrian PETICILĂ - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Silviero SANSAVINI - University of Bologna, Italy

- Radu SESTRĂȘ - University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
- Alvaro STANDARDI - University of Perugia, Italy
- Florin STĂNICĂ - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Dorin SUMEDREA - Research Institute for Fruit Growing Pitesti - Maracineni
- Florin TOMA - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Valerica TUDOR - University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania
- Cristos XILOYANNIS - University of Pisa, Italy

#### **ORGANIZING COMMITTEE OF THE SECTION 2 - HORTICULTURE:**

- Dorel HOZA
- Adrian ASĂNICĂ
- Adrian PETICILĂ
- Liliana BĂDULESCU
- Elena DELIAN
- Florin TOMA
- Elisabeta DOBRESCU
- Lenuța Chira

## SECTION 2 – HORTICULTURE

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

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

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**Venue:**

University of Agronomic Sciences and Veterinary Medicine of Bucharest  
Faculty of Horticulture, Building B

## THURSDAY, 7<sup>TH</sup> OF JUNE, 2018

*Building B (Faculty of Horticulture)*

- 14:30 – 14:40      *Conference Section Opening (Ground Floor, Amphitheatre B.p.A – Aula Magnum – Nicolae Constantinescu)*
- 14:40 – 16:30      *Session 1 (Ground Floor, Amphitheatre B.p.A – Aula Magnum – Nicolae Constantinescu)*
- 16:30 – 17:00      *Coffee break (Ground Floor, Central Hall)*
- 17:00 – 18:00      *Posters display and viewing (Ground Floor and First Floor)*
- 19:30 – 21:30      *Official Gala Dinner – Cultural Event (Ceres Restaurant)*

### SESSION 1

Time: 14:30 – 16:30

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

No	Time	Authors	Paper Title
1	14:40 – 15:00	Miljan CVETKOVIC	Sweet cherry in the USA: practice and science
2	15:00 – 15:20	Andreea BOTEZATU	Influence of Flash Détente technology on the quality of Black Spanish wines in Texas
3	15:20 – 15:40	Yuxin TONG	Current status and development of plant factory in China
4	15:40 – 16:00	Yi ZHANG	Solar thermal utilization and structure innovation of chinese solar greenhouse
5	16:00 – 16:20	Junjie FENG	Effect of bulk density on soil waterpotential in medium loam soil of agriculture
	16:20 – 16:30	<i>Discussions</i>	

## FRIDAY, 8<sup>TH</sup> OF JUNE, 2018

*Building B (Faculty of Horticulture)*

- 08:00 – 09:00 *Arrival and **registration** of participants – Ground Floor  
Poster display and viewing – Ground Floor and First Floor*
- Session 2*      **Oral paper presentations**
- 09:00 – 11:00      *Fruit Growing (I) – Ground Floor, Amphitheatre B.p.A – Aula Magnum  
Viticulture and Oenology (I) – First Floor, B.I.20  
Vegetable Growing (I) – First Floor, B.I.13  
Floriculture, ornamental plants, design and landscape architecture &  
Miscellaneous – 3<sup>rd</sup> Floor, Attic, Lecture Hall*
- 11:00 – 11:30      *Coffee break – Ground Floor (Central Hall)  
Viewing posters and discussions*
- Session 3*      **Oral paper presentations**
- 11:30 – 13:30      *Fruit Growing (II) – Ground Floor, Amphitheatre B.p.A – Aula Magnum  
Viticulture and Oenology (II) – First Floor, B.I.20  
Vegetable Growing (II) – First Floor, B.I.13*
- 13:30 – 14:30      *Lunch – Ground Floor (Central Hall)*
- Session 4*      **Poster Session**
- 14:30 – 16:00      *Vegetable Growing-Ground Floor Hall  
Floriculture, ornamental plants, design and landscape architecture-Ground Floor  
Fruit Growing-First Floor Hall  
Viticulture and Oenology-First Floor Hall  
Miscellaneous- Ground Floor Hall & First Floor Hall*
- 16:00 – 16:30      *Coffee break – Ground Floor (Central Hall)  
Networking*
- 16:30 – 17:00      *Final discussions and Conclusions - Ground Floor, Amphitheatre B.p.A – Aula  
Magnum*
- 14:30 – 18:00      **Workshop** – *Professional Standards and Quality of Landscaping Education, 6<sup>th</sup>  
edition - 3<sup>rd</sup> Floor, Attic, Lecture Hall*

## SATURDAY, 9<sup>TH</sup> OF JUNE, 2018

**SWEET CHERRY FEST** – 5<sup>th</sup> Edition – *Varieties Exhibition & Tasting at Istrita Fruit Nursery  
(in the Conference visit no. 1)*

**SESSION 2**  
**ORAL PAPER PRESENTATION**

Time: 09:00 – 11:00

**FRUIT GROWING**

*Ground Floor, Amphitheatre B.p.A – Aula Magnum*

**Chair: Assoc. Prof. dr. Adrian ASĂNICĂ**

**Co-chair: Prof. dr. Liliana BĂDULESCU**

No	Time	Authors	Paper Title
1	09:00	Denitsa Serbezova	SYSTEMS FOR SHAPING AND PRUNING OF PLUM TREES USED IN BULGARIA
2	09:10	Iliyana Krishkova, Denitsa Serbezova	ECONOMIC EFFECT OF SUSTAINABLE APPLE PRODUCTION
3	09:20	Radu BĂRĂSCU, Dorel HOZA, Ligia ION, Gheorghîta HOZA	EFFECTS OF GRAFTING COMBINATIONS ON THE FRUIT QUALITY FOR THE PINOVA APPLE TREE
4	09:30	Daniel Constantin POTOR, Aurora DOBRIN, Mihaela Ioana GEORGESCU, Dorel HOZA	PHYSICAL AND CHEMICAL PARAMETERS OF THE FRUIT IN FOUR <i>PRUNUS DOMESTICA</i> LOCAL POPULATIONS FROM BUZAU COUNTY
5	09:40	Marieta NESHEVA, Valentina BOZHKOVA, Snezhana MILUSHEVA	'HARLAYNE' X 'HARCOT' – PERSPECTIVE CROSSBREED FOR COMBINING GOOD FRUIT QUALITY AND RESISTANCE TO <i>PLUM POX VIRUS</i>
6	09:50	Valentina BOZHKOVA, Petar SAVOV	EVALUATION OF INTRODUCED PLUM CULTIVARS UNDER AGROCLIMATIC CONDITIONS OF PLOVDIV REGION, BULGARIA
7	10:00	Andreea BUJDEI, Roxana CICEOI, Florin STĂNICĂ	THE BEHAVIOR OF GALA, JONAGOLD, GOLDEN DELICIOUS AND GRANNY SMITH APPLE VARIETIES IN ORGANIC FARMING SYSTEM

No	Time	Authors	Paper Title
8	10:10	Ioana BEZDADEA-CĂTUNEANU, Liliana BĂDULESCU, Andreea STAN, Dorel HOZA	THE INFLUENCE OF VARIETY AND STORAGE CONDITIONS WITH C.A. ON QUALITY INDICATORS AT THREE VARIETIES OF QUINCE ( <i>CYDONIA OBLONGA</i> )
9	10:20	Parascovia SAVA	PRODUCTIVITY OF GOOSEBERRY VARIETIES IN THE REPUBLIC OF MOLDOVA CONDITIONS
10	10:30	Sultan Filiz GÜÇLÜ, Hasan BEKTAŞ, Fatma KOYUNCU	STUDIES ON <i>IN VITRO</i> FERTILIZATION BIOLOGY OF <i>MESPILUS GERMANICA</i> L. CV. İSTANBUL
	10:40	Discussions	
	11:00-11:30	<i>Coffee break</i>	

## SESSION 2 ORAL PAPER PRESENTATION

Time: 09:00 – 11:00

### VITICULTURE AND OENOLOGY

*First Floor, B.I.20*

*Chair: Prof. dr. Arina Oana ANTOCE*

*Co-chair: Lecturer. dr. Georgeta Mihaela BUCUR*

No	Time	Authors	Paper Title
1	09:00	Alin DOBREI, Alina Georgeta DOBREI, Eleonora NISTOR, Gheorghe POȘTA, Mihaela MĂLĂESCU, Marius BALINT	CHARACTERIZATION OF GRAPE AND WINE QUALITY INFLUENCED BY TERROIR IN DIFFERENT ECOSYSTEMS FROM ROMANIA CULTIVATED WITH FETEASCĂ NEAGRĂ
2	09:15	Vlad-Andrei FILIP, Elena BRÎNDUȘE, Marian ION, Petruța Mihaela MATEI, Laura Lidia CĂLUGĂRU	THE BEHAVIOR OF THREE CABERNET SAUVIGNON CLONES IN VALEA CALUGĂREASCĂ AREA



No	Time	Authors	Paper Title
3	09:30	Eleonora NISTOR, Alina DOBREI, Alin DOBREI, Dorin CAMEN, Giovan Battista MATTI	TEMPERATURE AND RAINFALL INFLUENCE ON SHOOT LENGTH IN PINOT NOIR, MERLOT AND CABERNET SAUVIGNON VARIETIES
4	09:45	Victoria ARTE, Arina Oana ANTOCE	ENHANCEMENT OF CABERNET SAUVIGNON WINE VOLATILE PROFILE BY ORGANIC CULTIVATION CONFIRMED WITH AN ELECTRONIC NOSE
5	10:00	Victoria ARTEM, Arina Oana ANTOCE	VOLATILE PROFILE OF FETEASCA NEAGRA WINES OBTAINED IN MURFTALAR REGION AND THE INFLUENCE OF THE ORGANIC AND CLUSTER THINNING VITICULTURAL PRACTICES
6	10:15	Marinela Vicuța STROE, Daniel Nicolae COJANU	RESEARCHES REGARDING QUALITY AND QUANTITATIV PERFORMANCE OF SOME TABLE GRAPES IN THE EXPERIMENTAL FIELD OF UASVM BUCHAREST
7	10:30	George Adrian COJOCARU, Arina Oana ANTOCE	INFLUENCES OF GRAPE CULTIVATION TECHNOLOGY ON CERTAIN AROMA COMPOUNDS SIGNIFICANT FOR THE DIFFERENTIATION OF CABERNET SAUVIGNON AND FETEASCĂ NEAGRĂ WINES
8	10:45	Arina Oana ANTOCE, George Adrian COJOCAR	CHARACTERIZATION OF QUALITY POTENTIAL OF FETEASCA NEAGRA GRAPES CULTIVATED IN DIFFERENT ROMANIAN WINE REGIONS

11:00-11:30 *Coffee break*

## SESSION 2

### ORAL PAPER PRESENTATION

Time: 09:00 – 11:00

#### VEGETABLE GROWING

*First Floor, B.I.13*

*Chair: Assoc. Prof. dr. Viorica LUCHIAN LAGUNOVSKI*

*Co-chair: Dr. Costel VÎNĂTORU*

No	Time	Authors	Paper Title
1	09:00	Nadejda MIHNEA, Galina LUPAȘCU	HERITABILITY OF THE TOMATO GENOTYPES RESISTANCE TO THE HIGH AIR TEMPERATURES
2	09:15	Marius BALINT, Alin DOBREI, Alina Georgeta DOBREI, Gheorghe POȘTA	RESEARCH REGARDING THE INFLUENCE OF FERTILISER RATES ON MORPHOLOGICAL FEATURES IN COMMON BEAN ( <i>PHASEOLUS VULGARIS</i> L. CONVAR. <i>VULGARIS</i> ) PODS CULTIVATED IN SOLARIUM AT THE DIDACTIC AND RESEARCH BASE IN TIMISOARA, ROMANIA
3	09:30	Volkan YORUK, Hasan DURUKAN, Handan SARAÇ, Ahmet DEMIRBAS, Tolga KARAKOY	THE EFFECTS OF DIFFERENT NITROGEN DOSES ON YIELD AND NUTRIENT UPTAKE OF ROCKET ( <i>ERUCA SATİVA</i> ) PLANT
4	09:45	Bekir Bülent ARPACI, Faika YARALI KARAKAN	INTER-SPECIFIC ( <i>CAPSICUM CHACOENSE</i> HUNZ. AND <i>CAPSICUM ANNUUM</i> L.) INHERITANCE OF FRUIT DETACHMENT FORCE TRAIT IN HOT PEPPER
5	10:00	Ali KAYAHAN, Betül SIMSEK, Ismail KARACA, Hakan AKTAS	DETERMINATION OF THE RESPONSES OF DIFFERENT TOMATO SPECIES TO <i>TUTA ABSULUTA</i>
6	10:15	Volkan ERGUN, Hakan AKTAS	EFFECT OF GRAFTING ON YIELD AND FRUIT QUALITY OF PEPPER ( <i>CAPSICUM ANNUUM</i> L.) GROWN UNDER OPEN FIELD CONDITIONS

No	Time	Authors	Paper Title
7	10:30	Aurora DOBRIN, Elena Ștefania IVAN, Ionuț Ovidiu JERCA, Ionuț-Răzvan BERA, Roxana CICEOI	THE ACCUMULATION OF NUTRIENTS AND CONTAMINANTS IN AROMATIC PLANTS GROWN IN A HYDROPONIC SYSTEM
8	10:45	Steliana RODINO, Marian BUTU, Alina BUTU	EFFICACY OF PLANT BASED BIOPRODUCTS AGAINST TOMATO SEEDLINGS DAMPING OFF DISEASE - SHORT OVERVIEW
11:00-11:30 <i>Coffee break</i>			

## SESSION 2

### ORAL PAPER PRESENTATION

Time: 09:00 – 11:00

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

*Third Floor, Attic, Lecture Hall*

*Chair: Lecturer. dr. Elisabeta DOBRESCU*  
*Moderator: Assoc. Prof. dr. Violeta RĂDUCAN*

No	Time	Authors	Paper Title
1	09:00	George Nicolae CAZAN, Sorina PETRA, Florin TOMA	PRELIMINARY RESEARCHON THE INFLUENCE OF THE PLANTING TIME ON THE GROWING AND BLOOMING OF VARIETY OF HERBACEOUS PEONY IN THE FIELD
2	09:15	Ali YUCEL, Atılğan ATILGAN, Cagatay TANRIVERDI, Hasan ÖZ	ANALYSIS OF CHANGES IN GROWING DEGREE-DAY VALUES BY ALTITUDE: OIL ROSE ( <i>ROSA DAMASCENA</i> MILL.) CASE
3	09:30	Diana VÂȘCĂ-ZAMFIR, Elena DELIAN, Ramona COTRUȚ	IMPROVING BIOLOGICAL AND PHYSIOLOGICAL PARAMETERS OF <i>NERIUM</i> <i>OLEANDER</i> L. CUTTINGS BY USING BIOSTIMULATING SUBSTANCES

No	Time	Authors	Paper Title
4	09:45	Mugurasi-Florin CONSTANTIN, Carmen-Gabriela CONSTANTIN, Florin TOMA	RESEARCHES ON THE BEHAVIOR OF ORNAMENTAL SPECIES TO SALINE SOILS
5	10:00	Iosody SILVA-CASTRO, Robert W. BARRETO, M. Carmen H. RODRIGUEZ, Petruta M. MATEL, Jesús MARTÍN-GIL	CONTROL OF COFFEE LEAF RUST BY CHITOSAN OLIGOMERS AND PROPOLIS
6	10:15	Daniel RĂDUȚOIU, Cătălin George SIMEANU, Ion STAN	CONTRIBUTIONS TO HALOPHILIC FLORA AND VEGETATION IN OLTENIA (ROMANIA)
7	10:30	Zafar IQBAL, Muhammad Zohaib ANJUM, Awais Ahmad KHAN, Salman AHMAD, Muhammad ISRAR	CITRUS POSTHARVEST DISEASES: ASSESSMENT AND DISTRIBUTION IN PUNJAB PAKISTAN
	10:45	<i>Discussions and conclusions on papers presentations in the FOPDLA &amp; Misscelenous topic sections</i>	
	11:00-11:30	<i>Coffee break</i>	

**SESSION 3**  
**ORAL PAPER PRESENTATION**

Time: 11:30 – 13:30

**FRUIT GROWING**

*Ground Floor, Amphitheatre B.p.A – Aula Magnum*

**Chair: Assoc. Prof. dr. Adrian ASĂNICĂ**

**Co-chair: Prof. dr. Liliana BĂDULESCU**

No	Time	Authors	Paper Title
1	11:30	Hakan CETINKAYA, Muhittin KULAK, Ahsen Işık OZGUVEN	RELATIONSHIP BETWEEN VEGETATIVE GROWTH AND NUT CHARACTERISTICS IN ALTERNATE BEARING PISTACHIO ( <i>PISTACIA VERA</i> ) CULTIVARS EXPOSED TO DROUGHT
2	11:40	Gulay DEMİR Fatma KOYUNCU	EVALUATION OF POMOLOGICAL PROPERTIES OF SOME ORANGE VARIETIES FROM WEST MEDITERRANEAN, TURKEY
3	11:50	Sultan Filiz GÜÇLÜ, Ayşe Gül SARIKAYA, Fatma KOYUNCU	POLLEN PERFORMANCES OF NATURALLY GROWN BLACKBERRIES IN ISPARTA-TURKEY
4	12:00	Mehmet Ali KOYUNCU, Tuba SECMEN, Cemile Ebru ONURSAL, Derya ERBAS, Atakan GUNEYLI, Seda SEVINC UZUMCU, Fatma KOYUNCU	EFFECT OF POSTHARVEST OXALIC ACID TREATMENT ON COLD STORAGE OF APRICOT CV. APRIKOZ
5	12:10	Atakan GUNEYLI, Mehmet Ali KOYUNCU, Cemile Ebru ONURSAL, Derya ERBAS, Melike CETİNBAS, Sinan BUTAR, Fatma KOYUNCU	EFFECTS OF PRE-HARVEST RETAIN TREATMENTS WITH MAP ON COLD STORAGE QUALITY OF SWEET CHERRY CV. 0900 ZIRAAT
6	12:20	Mehmet Ali ÇELİK, Muhittin KULAK, Hakan CETİNKAYA, Mehmet KOC, Ali GÖCERİ, Salman ÖZÜPEKÇE	AN INVESTIGATION ON EFFECTS OF DRY AND WET CLIMATE CONDITIONS ON PISTACHIO ( <i>PISTACIA VERA</i> ) YIELD IN MIDDLE EUPHRATES BASIN SOUTHEAST OF TURKEY

No	Time	Authors	Paper Title
7	12:30	Zehan KESİLMİŞ, Kubilay K. VURSAVUŞ	LOW COST AND LABORATORY SCALE NIR SPECTROSCOPY FOR QUALITY EVALUATION OF FRUITS AND VEGETABLES
8	12:40	Miljan CVETKOVIĆ, Nikola MICIC	TWENTY YEARS OF EXPERIENCE IN INTENSIVE PLUM PRODUCTION ON <i>PRUNUS CERASIFERA</i> EHR. ROOTSTOCK
9	12:50	Adrian ASĂNICĂ	ESTIMATION OF THE ECONOMIC EFFICIENCY OF BLUEBERRY ACCORDING TO THE PRODUCTION SYSTEM
10	13:00	Adrian ASĂNICĂ	SENSORIAL EVALUATION OF 26 Highbush BLUEBERRY VARIETIES IN ROMANIA
	13:10	<i>Discussions and conclusions on papers presentations in the FRUIT GROWING topic section</i>	
	13:30-14:30	<b>LUNCH</b>	

### SESSION 3 ORAL PAPER PRESENTATION

Time: 11:30 – 12:30

#### VITICULTURE AND OENOLOGY

*First Floor, B.I.20*

*Chair: Prof. dr. Arina Oana ANTOCE  
Co-chair: Lecturer. dr. Georgeta Mihaela BUCUR*

No	Time	Authors	Paper Title
1	11:30	Zehra BABALIK, Tunhan DEMİRCİ, Özlem ARAS AŞCI, Nilgün GÖKTÜRK BAYDAR	INCREASE OF ANTHOCYANINS ACCUMULATION BY PREHARVEST 24-EPIBRASSINOLID (24-EBL) APPLICATIONS IN HOROZ KARASI GRAPE CULTIVAR
2	11:45	Zehra BABALIK, Tunhan DEMİRCİ, Özlem ARAS AŞCI, Nilgün GÖKTÜRK BAYDAR	THE INFLUENCE OF PREHARVEST BORIC ACID APPLICATIONS ON THE ACCUMULATION OF SOME ANTIOXIDANT COMPONENTS IN ALPHONSE LAVALLÉE GRAPE CULTIVAR

No	Time	Authors	Paper Title
	12:15-12:30		<i>Discussions and conclusions on papers presentations in the VITICULTURE AND OENOLOGY topic section</i>
	13:30-14:30		<b>LUNCH</b>

## SESSION 3

### ORAL PAPER PRESENTATION

Time: 11:30 – 12:30

### VEGETABLE GROWING

*First Floor, B.I.13*

*Chair: Assoc. Prof. dr. Viorica LUCHIAN LAGUNOVSKI*

*Co-chair: Dr. Costel VÎNĂTORU*

No	Time	Authors	Paper Title
1	11:30	Mehmet Emin GOKDUMAN, Deniz YILMAZ	DETERMINATION OF STRENGTH PROPERTIES FOR MECHANICAL HARVEST OF PARSLEY ( <i>PETROSELINUM CRISPUM</i> )
2	11:45	Bekir Bülent ARPACI, Cihan FIRAT, Mehmet KOÇ, Faika YARALI KARAKAN	WHICH IS CRUCIAL FOR HETEROSIS? TRAITS, GENETIC OR CHARACTERISTIC DIVERSITY: PUNGENCY PARADIGM
3	12:00	Selda ORS, Melek EKINCI, Ertan YILDIRIM, Ustun SAHIN, Atilla DURSUN	NITRIC OXIDE ENHANCES PLANT GROWTH AND PHYSIOLOGICAL RESPONSES OF CHARD PLANTS UNDER DROUGHT STRESS
	12:15		<i>Discussions and conclusions on papers presentations in the Vegetable Growing &amp; Miscellaneous topic sections</i>
	13:30-14:30		<b>LUNCH</b>

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14:30 – 16:00 **WORKSHOP** – *Professional Standards and Quality of Landscaping Education, 6<sup>th</sup> edition – 3<sup>rd</sup> Floor, Attic, Lecture Hall*

## SESSION 3

### POSTER SESSION

#### FRUIT GROWING

*Time: 14:30 – 16:00*

*First Floor Hall*

Poster position number	Authors	Paper Title
1	Aneliya BORISOVA	EFFECT OF INFECTION BY ILAR-VIRUSES ON VEGETATIVE GROWTH OF SWEET CHERRY IN NURSERY AND YOUNG TREES
2	Simeon KRUMOV, Nicolai CHRISTOV	MECHANICAL PROPERTIES OF THE FRUITS OF SOME PERSPECTIVE SWEET CHERRY CULTIVARS
3	Viorel ENACHE, Mihaela CROITORU, Milica DIMA	RESEARCH ON THE VARIETY INFLUENCE ON VEGETABLE GROWTH AT APRICOT SPECIES IN SANDY SOILS CONDITIONS IN SOUTHERN OLTENIA
4	Adrian CHIRA, Lenuța CHIRA, Elena DELIAN, Constanța ALEXE	STUDIES REGARDING THE INFLUENCE OF PRE-HARVEST AND POST-HARVEST TREATMENTS UPON THE QUALITY OF SOME APPLE FRUIT VARIETIES
5	Lenuța CHIRA, Adrian CHIRA, Elena DELIAN, Ligia ION, Constanța ALEXE	ASPECTS REGARDING THE QUALITY EVOLUTION OF SOME APRICOT FRUIT VARIETIES DEPENDING ON THE STORAGE CONDITIONS
6	Mihaela (ERCULESCU) STOICA, Dorel HOZA, Lenuța Constantina CHIRA, Constantin PĂUN, Ligia ION	STUDIES ON THE BEHAVIOR OF SOME ELITE AND VARIETIES OF PEAR IN THE POLLINATION PROCESS
7	Ligia ION	RESEARCH ON THE ISOLATION OF GENOMIC DNA FROM OLD APPLE VARIETIES



Poster position number	Authors	Paper Title
8	Ionela RUSEA, Aurel POPESCU, Valentina ISAC, Anca Nicoleta ȘUȚAN, Dorel HOZA	ADVENTITIOUS SHOOT REGENERATION FROM PETIOLE EXPLANTS IN BLACK CHOKEBERRY ( <i>ARONIA MELANOCARPA</i> )
9	Ana-Maria PETRE, Aurelia DOBRESCU, Adrian PETICILĂ, Monica Luminița BADEA	PHYSIOLOGICAL STUDY OF VARIOUS CULTIVARS OF <i>PUNICA GRANATUM</i> (L.) WITH AN EYE TO ACCLIMATIZATION TO ROMANIA'S ENVIRONMENTAL CONDITIONS
10	Alina Viorica ILIE, Cristina PETRIȘOR, Dorel HOZA	EFFECT OF DIFFERENT AMINO ACID FOLIAR FERTILIZERS ON YIELD AND FRUIT QUALITY OF "REDIX" APPLE CULTIVAR
11	Constantin PĂUN	RESEARCHES ON GENETIC RESISTANCE TO APRICOT VARIETY BERGERON TO FROST FROM WINTER
12	Corina GAVĂȚ, Elena DOROFTEL, Liliana MIRON, Vlăduț Alexandru OPRIȚĂ, Georgeta BELENIUC	STUDY OF THE CYTOLOGICAL CHARACTERISTICS AND GERMINATION POTENTIAL OF SOME PEACH CULTIVARS FROM RSFG CONSTANTA
13	Vlăduț Alexandru OPRIȚĂ, Corina GAVĂȚ	BEHAVIOR OF SOME APRICOT CULTIVARS GRAFTED ON NEW VEGETATIVE ROOTSTOCKS
14	Dorin SUMEDREA, Alina FLOREA, Mihaela SUMEDREA, Adrian ASĂNICĂ, Radu COMAN, Mădălina MILITARU, Emil CHIȚU, Mădălina BUTAC, Florin Cristian MARIN, Mirela CĂLINESCU	INFLUENCE OF DIFFERENT STORAGE METHODS ON APPLES CHEMICAL PROPRIETIES
15	Gheorghe PETRE, Valeria PETRE, Adrian ASANICA	INCREASING THE ECONOMIC PERFORMANCE BY PROMOTING HIGH-DENSITY APPLE ORCHARDS IN THE DÂMBOVIȚA FRUIT BASIN

Poster position number	Authors	Paper Title
16	Ananie PEȘTEANU, Irina POMPUȘ	BEHAVIOR OF BLACKBERRY VARIETIES IN THE CENTRAL AREA OF THE REPUBLIC OF MOLDOVA
17	Florin STĂNICĂ	NEW TENDENCIES IN FRUIT TREES TRAINING AND ORCHARD PLANTING SYSTEMS
18	Florin STĂNICĂ	TWENTY YEARS OF JUJUBE ( <i>ZIZIPHUS JUJUBA</i> MILL.) RESEARCH IN ROMANIA
19	Adrian ASĂNICĂ, Dorel HOZA, Alexandru IACOB	FIRST OUTCOMES OF GRAFTING GOJI IN ROMANIA
20	Adrian ASĂNICĂ, Florin STĂNICĂ, Valerica TUDOR, Alexandru IACOB, Violeta ZOLOTOL, Livia PEROJUC	EVALUATION OF THE CONSUMER PREFERENCE FOR SWEET CHERRY FRUITS AT THE "SWEET CHERRY FEST" IN ISTRITA-BUZAU

### SESSION 3 POSTER SESSION

#### VITICULTURE AND OENOLOGY

*Time: 14:30 – 16:00*

*First Floor Hall*

Poster position number	Authors	Paper Title
1	Camelia MUNTEAN, Felicia STOICA, Constantin BĂDUCĂ CÂMPEANU, Daniela Doloris CICHI	STUDY OF THE ANTHOCYANIC POTENTIAL OF GRAPES VARIETIES FOR RED WINES IN DRANIC WINE CENTER
2	Camelia Filofteia DIGUȚĂ, Radu Cristian TOMA, Călina Petruța CORNEA, Florentina MATEI	MOLECULAR DETECTION OF BLACK <i>ASPERGILLUS</i> AND <i>PENICILLIUM</i> SPECIES FROM DEALU MARE VINEYARD

Poster position number	Authors	Paper Title
3	Georgeta Mihaela BUCUR, Liviu DEJEU	RESEARCH ON PHENOTYPING AND ENO-CARPOLOGICAL TRAITS OF TWENTY-THREE NEW ROMANIAN TABLE GRAPE VARIETIES ( <i>VITIS VINIFERA</i> L.)
4	Tatjana JOVANOVIĆ-CVETKOVIC, Nikola MICIC, Gordana ĐURIĆ, Miljan CVETKOVIĆ	INFLORESCENCE AND FLOWER DIFFERENTIATION IN THE GRAPEVINE ( <i>V. VINIFERA</i> L.) VARIETIES 'ŽILAVKA' AND 'BLATINA

### SESSION 3 POSTER SESSION

#### VEGETABLE GROWING

*Time: 14:30 – 16:00*

*Ground Floor Hall*

Poster position number	Authors	Paper Title
1	Luana PĂCURAR (GRECU), Alexandru Ioan APAHIDEAN, Gheorghîța HOZA, Maria DINU, Rodica SOARE, Maria APAHIDEAN, Voichița HAȘ	ESTIMATION OF VARIABILITY PARAMETERS OF SOME QUALITATIVES COMPONENTS AT A SET OF SWEET CORN LINES FROM TURDA AGRICULTURAL RESEARCH STATION
2	Alexandra BECHERESCU, Gheorghîța HOZA, Maria DINU, Olimpia IORDĂNESCU, Ioan SĂRAC, Daniel POPA	THE IMPACT OF DIFFERENT METHODS USED FOR IMPROVING FLOWER BIND UPON THE YIELD OF SOME TOMATO HYBRIDS CULTIVATED ON MINERAL WOOL SUBSTRATE IN INDUSTRIAL GREENHOUSES
3	Aurelia DIACONU, Alina-Nicoleta PARASCHIV, Reta DRĂGHICI, Mihaela CROITORU, Milica DIMA	RESEARCH ON THE EFFECT OF CLIMATE CHANGE ON THE PRODUCTION CAPACITY OF SOME SWEET POTATOES VARIETIES ( <i>IPOMOEA BATATAS</i> ) CULTIVATED ON PSAMOSOILS IN THE SOUTHERN AREA OF ROMANIA

Poster position number	Authors	Paper Title
4	Elena DOBRIN, Evelina GHERGHINA, Gabriela LUȚĂ, Daniela BĂLAN	THE INFLUENCE OF FOLIAR BIOACTIV TREATMENTS ON TOMATOES SEEDLINGS
5	Bianca ZAMFIR, Dorel HOZA, Costel VÎNĂTORU, Camelia BRATU, Elena BARCANU	ASSESSING TOMATO GERMPLASM FROM V.R.D.S. BUZAU TO IDENTIFY GENOTYPES WITH DISTINCT FEATURES
6	Camelia BRATU, Florin STĂNICĂ, Costel VÎNĂTORU, Bianca ZAMFIR, Elena BARCANU	NEW EGGPLANT GENOTYPES WITH DISTINCT PHENOTYPIC EXPRESSIVITY OBTAINED AT V.R.D.S BUZĂU
7	Vangel CHILINGIROV, Manol DALLEV, Nikolina SHOPOVA, Irena DAKOVA, Galya HRISTOVA, Ivan MITKOV	STUDY OF THE EFFECT OF ULTRASOUND ON VEGETABLE CROPS IN DIFFERENT EXPOSURES
8	Beatrice Alexandra MODIGA, Carmenica Doina JITĂREANU, Cristina SLABU, Alina Elena MARTA, Mihaela COVAȘĂ	DETERMINATION OF CHLORINE CONCENTRATION AND PRODUCTIVITY IN SOME BEAN GENOTYPES, FROM NORTH-EAST OF ROMANIA, UNDER SALT STRESS
9	Irena DAKOVA, Nikolina SHOPOVA, Manol DALLEV, Vangel CHILINGIROV, Galya HRISTOVA, Ivan MITKOV	STUDY OF THE INFLUENCE OF A BIOSTIMULATOR USED IN THE TREATMENT SEED OF FAMILY <i>APIACEAE</i> BY ULTRASOUND
10	Gabriela LUȚĂ, Daniela BĂLAN, Evelina GHERGHINA, Elena DOBRIN	EFFECT OF FOLIAR BIOACTIVE TREATMENTS ON THE OXIDATIVE STRESS TOLERANCE IN TOMATO SEEDLINGS
11	Nikolay PANAYOTOV	RESPONSES ABOUT SEED FORMATION AND SEED PRODUCTION IN DIFFERENT GENOTYPES OF CAPE GOOSEBERRY ( <i>PHYSALIS PERUVIANA</i> L.)
12	Elena BARCANU-TUDOR, Elena Maria DRĂGHICI	NEW BRED CULTIVARS OF BELL PEPPER OBTAINED AT V.R.D.S. BUZĂU
13	Elena BARCANU-TUDOR, Elena Maria DRĂGHICI, Aurora DOBRIN, Andreea STAN, Carmen CONSTANTIN, Mihaela ZUGRAVU, Oana BUJOR-NENIȚĂ	PRELIMINARY STUDY RELATED ON YIELD AND QUALITY POTENTIAL OF TWO NEW SWEET PEPPERS VARIETIES OBTAINED AT V.R.D.S BUZĂU

Poster position number	Authors	Paper Title
14	Gheorghita HOZA, Maria DINU, Rodica SOARE, Alexandra Dida BECHERESCU, Ionuț Alexandru APAHIDEAN, Dorel HOZA	INFLUENCE OF PLANT MANAGEMENT SYSTEMS ON GROWTH AND FRUCTIFICATION OF TOMATO PLANTS IN PROTECTED CULTURE
15	Constantin PETRE, Elena DOBRIN, Elena Maria DRAGHICI	RESEARCH ON THE EFFECT OF VERMICOMPOST FERTILIZATION ON EGGPLANTS SEEDLINGS ( <i>SOLANUM MELONGENA</i> L.)
16	Elena Maria DRAGHICI, Virgil SCARLAT, Maria PELE, Elena DOBRIN, Gabi-Mirela MATEI, Sorin MATEI	EFFECT OF THE USE OF NEW METHODS FOR THE REMEDIATION OF OIL POLLUTED SOIL
17	Rodica SOARE, Maria DINU, Cristina BĂBEANU, Marin SOARE	THE INFLUENCE OF ALTERNATIVE TECHNOLOGICAL SEQUENCES ON THE QUALITY OF MELON PRODUCTION
18	Mihaela Alina BUZATU, Marcel COSTACHE, Dorel HOZA, Gabriela ȘOVĂREL, Stelica CRISTEA	THE EFFICACY OF DIFFERENT TREATMENTS FOR PATHOGENS CONTROL ON THE EGGPLANT CROPS IN THE FIELD
19	Iuliana MÂNDRU, Marcel COSTACHE, Dorel HOZA, Stelica CRISTEA	PATHOGENS WITH ECONOMIC IMPORTANCE FOR TOMATO CROPS GROWING IN THE FIELD AND THEIR CONTROL
20	Mostafakamal SHAMS, Ertan YILDIRIM, Melek EKINCI, Guleray AGAR, Metin TURAN, Raziye KUL	EXOGENOUS CYTOKININ APPLICATION INCREASED THE CAPSAICIN AND ASCORBIC ACID CONTENT IN PEPPER FRUIT

## SESSION 3

### POSTER SESSION

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

*Time: 14:30 – 16:00*

*Ground Floor Hall*

Poster position number	Authors	Paper Title
1	George Nicolae CAZAN, Sorina PETRA, Florin TOMA	PRELIMINARY RESEARCH ON THE GROWTH AND FLOWERING OF DIFFERENT VARIETIES OF HERBACEOUS PEONY UNDER CONDITIONS OF CONTAINERIZED AND FORCED CULTIVATION
2	Vladimir Ionuț BOC	TREE SPECIES SELECTION GUIDELINES FROM THE PERSPECTIVE OF BIOCLIMATIC LANDSCAPE DESIGN
3	Diana VÂȘCĂ-ZAMFIR, Daniela BĂLAN, Gabriela LUȚĂ, Evelina GHERGHINA	EFFECT OF RHIZOGENIC BIOSTIMULATORS ON <i>ROSMARINUS OFFICINALIS</i> ROOTED CUTTINGS BIOCHEMICAL COMPOSITION
4	Florin TOMA, Mihaela Ioana GEORGESCU, Sorina PETRA, Cristina MĂNESCU, Ecaterina AILINCAI, Daniel Constantin POTOR	RESEARCH ON THE TECHNOLOGICAL AND MORPHO-ANATOMIC PARTICULARITIES ON FORCING BULBS OF <i>IRIS RETICULATA</i>
5	Maria BRÎNZĂ, Elena Liliana CHELARIU, Andreea AIORDĂCHIAEI, Lucia DRAGHIA	COPPER EFFECT ON SEED GERMINATION AND PLANT SPROUTING OF <i>ALYSSUM MURALE</i> SPECIES
6	Doina Mira DASCĂLU, Mirela COJOCARIU	DECODING THE SIGNIFICANCES OF BUILT LANDSCAPE PROFILES

Poster position number	Authors	Paper Title
7	Elena Liliana CHELARIU, Lucia DRAGHIA, Maria BRÎNZĂ, Mirela COJOCARIU, Bogdan-Vlad AVARVAREI	STUDIES REGARDING THE BEHAVIOUR OF ORNAMENTAL SPECIES <i>LAGURUS OVATUS</i> IN CROPPING CONDITIONS FROM N-E AREA OF ROMANIA
8	Violeta IVANOVA, Nadejda ZAPRIANOVA, Bistra ATANASOVA, Valentin PANCHEV	THE RESPONSE OF BULGARIAN SPRAY-CARNATION ( <i>D. CARYOPHYLLUS F. SPRAY, HORT</i> ) CV. RUSALKA TO DROUGHT - <i>IN VITRO</i> INDUCED BY DIFFERENT PEG CONCENTRATIONS
9	Roberto BERNARDIS, Marius DASCĂLU	ASPECTS REGARDING THE ORNAMENTAL VALUE OF SOME ROSE NURSEY SPONTANEOUS IN IASI DISTRICT CONDITIONS
10	Cristina Rodica MĂNESCU, Claudiu BUDA, Florin TOMA, Sorina PETRA	STUDIES ON GROWTH AND DEVELOPMENT OF <i>HEDERA HELIX</i> L. ON DIFFERENT WOODY SPECIES
11	Mirela Irina CORDEA, Ioana Delia POP, Sonia BORS-OPRIȘA, Lucia MIHALESCU	POLLEN ANALYSIS IN SOME TULIP CULTIVARS
12	Manuela MANDA, Carmen NICU, Diana ZAMFIR-VÂȘCĂ	THE EFFECT OF DIFFERENT LIGHT CONDITIONS ON THE GROWTH AND DEVELOPMENT OF <i>CHLOROPHYTUM AMANIENSE</i> ENGL. 'FIRE FLASH'
13	Ricuța-Vasilica DOBRINOIU, Silvana Mihaela DĂNĂILĂ-GUIDEA, Rodica IVAN, Cristina Elen a FILIP, Fabio Massimo SPRIO	RESEARCHES CONCERNING THE INFLUENCE OF TECHNOLOGICAL LINKS ON DENDROMETRIC PARAMETERS TO <i>PAULOWNIA</i> SSP.
14	Anca STĂNESCU, Suzana COCIOABĂ	TINERETULUI PARK – FUNCTIONAL AND COMPOSITIONAL COMPONENTS IN THE URBAN LANDSCAPE OF BUCHAREST
15	Suzana COCIOABĂ, Anca STĂNESCU	NATURAL HERITAGE CONSERVATION IN BUILT-UP AREAS. STUDY ON THE CIRCUS PARK AS AN URBAN LANDSCAPE ASSET

## SESSION 3

### POSTER SESSION

#### MISCELLANEOUS

Time: 14:30 – 16:00

Ground Floor Hall & First Floor Hall

Poster position number	Authors	Paper Title
1	Milena YORDANOVA, Erik MINCHEV, Radoslav BORISOV	POSSIBILITIES FOR SMALL-SCALE COMPOSTING OF HORTICULTURAL PLANT WASTES
2	Vasilica LUCHIAN, Elena SĂVULESCU, Jorj PĂDURARU, Vlad POPA, Viorica LAGUNOVSKI-LUCHIAN	MORPHOLOGICAL AND ANATOMICAL INVESTIGATION OF <i>FALCATA</i> <i>CITRODORA</i> PALAU – NEW MEDICINAL PLANT INTRODUCED IN ROMANIA
3	Boyka MALCHEVA, Milena YORDANOVA, Radoslav BORISOV, Teodora VICHEVA, Maya NUSTOROVA	DYNAMICS OF MICROBIOLOGICAL INDICATORS FOR COMPARATIVE STUDY OF COMPOST VARIANTS
4	Elena SĂVULESCU, Mihaela Ioana GEORGESCU, Vlad POPA, Vasilica LUCHIAN	MORPHOLOGICAL AND ANATOMICAL PROPERTIES OF THE <i>SENNA</i> <i>ALEXANDRINA</i> MILL. ( <i>CASSIA</i> <i>ANGUSTIFOLIA</i> VAHL.)
5	Oana-Alina BOIU-SICUIA, Sorina DINU, Cristina PETRIȘOR, Florica CONSTANTINESCU	PLANT GROWTH PROMOTING BACTERIA WITH ANTIFUNGAL ACTIVITY
6	Tomina PURCARU, Camelia DIGUȚĂ, Florentina MATEI	ANTIMICROBIAL POTENTIAL OF ROMANIAN SPONTANEOUS FLORA - A MINIREVIEW



Poster position number	Authors	Paper Title
7	Mohammed Naithel RADHI, Cristina PETRISOR, Florica CONSTANTINESCU, Ioan ROSCA, Hattf Bazool FARHOOD, Hiba ABD- AL ADHEEM, Gheorghe STOIAN	<i>TRICHODERMA</i> SPP. SOURCE OF HYDROLASE ENZYMES WITH ROLE IN <i>F. OXYSPORUM</i> INHIBITION
8	Al-Gburi Omar ABDULRAZZAQ SHIHAP, Talal Abed KHATTAB, Cristina PETRIȘOR	EFFECT OF PERIODS AND REPETITION OF THE BURNING METHOD IN THE CONTROL OF WATER HYACINTH ( <i>EICHHORNIA CRASSIPES</i> ) PLANT
9	Monica CATANĂ, Luminița CATANĂ, Enuța IORGA, Monica-Alexandra LAZĂR, Anda-GrațIELA LAZĂR, Răzvan Ionuț TEODORESCU, Adrian Constantin ASĂNICĂ, Nastasia BELC	ACHIEVING OF FUNCTIONAL INGREDIENT FROM APPLE WASTES RESULTING FROM THE APPLE JUICE INDUSTRY
10	Monica CATANĂ, Luminița CATANĂ, Enuța IORGA, Adrian Constantin ASĂNICĂ, Nastasia BELC	BAKERY PRODUCTS FORTIFIED WITH DRIED FRUITS OF <i>ARONIA MELANOCARPA</i>
11	Luminița CATANĂ, Monica CATANĂ, Enuța IORGA, Anda-GrațIELA LAZĂR, Monica-Alexandra LAZĂR, Răzvan Ionuț TEODORESCU, Adrian Constantin ASĂNICĂ, Nastasia BELC, Alexandra IANCU	VALORIFICATION OF JERUSALEM ARTICHOKE TUBERS ( <i>HELIANTHUS TUBEROSUS</i> ) FOR ACHIEVING OF FUNCTIONAL INGREDIENT WITH HIGH NUTRITIONAL VALUE
12	Adrian ZĂRNEȘCU, Răzvan UNGURELU, Marius – Ionuț MACOVEI, Gaudențiu VĂRZARU	INTEGRATING SOIL PH MEASUREMENT INTO AN INTERNET OF THINGS APPLICATION

Poster position number	Authors	Paper Title
13	Elena-Cornelia MITRAN, Elena Perdum, Ovidiu George IORDACHE, Iuliana DUMITRESCU	ADVANTAGES AND DISADVANTAGES OF PESTICIDE ANALYSIS METHODS USED IN AGRICULTURAL SAMPLES
14:30 – 18:00	<b>Workshop</b> – Professional Standards and Quality of Landscaping Education, 5 <sup>th</sup> edition – 3 <sup>rd</sup> Floor, Attic, Lecture Hall	
16:00 – 16:30	Coffee break – Ground Floor (Central Hall) Networking	
16:30 – 17:00	<b>Final discussions and Conclusions</b> - Ground Floor, Amphitheatre B.p.A - Aula Magnum – Nicolae Constantinescu	

## SATURDAY, 9<sup>TH</sup> OF JUNE, 2018

**SWEET CHERRY FEST** – 5<sup>th</sup> Edition – Varieties Exhibition & Tasting at Istrita Fruit Nursery  
(in the Conference visit no. 1)