

UNIVERSITY OF CRAIOVA
FACULTY OF AGRICULTURE AND HORTICULTURE
in collaboration with

Ministry of National Education
Ministry of Agriculture and Rural Development
Romanian Academy of Agriculture and Forestry - Craiova Branch
Technological Educational Institute of Thessaly (Greece)
UNESCO Chair *Culture and Traditions of Wine*
Romanian Horticultural Society- Craiova Branch
Hortus Oltenia 1962 Association



PROGRAM BOOKLET

SCIENTIFIC SYMPOSIUM WITH INTERNATIONAL PARTICIPATION

***„SUSTAINABLE DEVELOPMENT IN
AGRICULTURE AND HORTICULTURE”***
-Second edition-

13-14 November, 2014

CRAIOVA

Dear colleagues,

We like kindly to invite you and your collaborators to participate in Scientific Symposium with international participation

***SUSTAINABLE DEVELOPMENT IN AGRICULTURE AND
HORTICULTURE -Second edition-***

that will be held during the period 13-14 November 2014, at the University of Craiova- Faculty of Agriculture and Horticulture.

The aim of the Symposium is to bring together academics, researchers, makers, PhD students and producers to exchange and share their experiences, new ideas and researches in the fields of agriculture, horticulture, food engineering, biology, forestry sciences, animal husbandry, environmental protection and sustainable development.

Knowing your preoccupation, we would be honored if you would participate to this scientific event.

On behalf of the organizing committee,

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Prof.PhD SOARE MARIN**

**Vice-dean,
Assoc.Prof.PhD CICHI DANIELA**

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SCHEDULE

SCIENTIFIC SYMPOSIUM WITH INTERNATIONAL PARTICIPATION „SUSTAINABLE DEVELOPMENT IN AGRICULTURE AND HORTICULTURE- Second edition”

13 NOVEMBER 2014		Place of Symposium:
9,00 -9,30	Registration of participants	University of Craiova- Hall Sala Albastră
9,30-10,30	Opening ceremony- Keynote speakers Plenary session <i>Remaniement de la diversité levurienne des baies de raisin par les opérations pré-fermentaires utilisées en vinification en blanc</i> DHC Michèle GUILLOUX-BENATIER, Cédric GRANGETEAU, Hervé ALEXANDRE and Sandrine ROUSSEAU, I.U.V.V. Jules Guyot, Université Bourgogne, France LIFE+ Adapt2change Project - Adapting greenhouse production to climate change: Prototype Geothermal Greenhouses with water recycling systems Assoc. Prof. Alexandros PAPACHATZIS PhD, Technological Educational Institute of Thessaly, Larissa, Greece	University of Craiova - Sala Albastră
10,30-11,00	<i>Coffee break</i>	University of Craiova- Hall Sala Albastră
11,00-12,00	Award DOCTOR HONORIS CAUSA Prof.Dr. JOCELYNE PERARD – Université Bourgogne, France	University of Craiova - Sala Albastră
12,00-13,00	Visiting the Exhibition <i>Fruits of the Earth</i> (Third edition)- <i>Wines from Oltenia</i>	University of Craiova- Central Hall
13,30-14,30	<i>Lunch/Bufferet</i>	Faculty of Agriculture and Horticulture (First floor)
14,30-16,30	Oral presentations I (sections 1-4) <ul style="list-style-type: none"> • Section 1: AGRICULTURE AND FORESTRY SCIENCES, ANIMAL SCIENCE • Section 2 : HORTICULTURE AND FOOD SCIENCE • Section 3: BIOLOGY, PLANT AND ENVIRONMENTAL PROTECTION • Section 4 : MANAGEMENT, MECANIZATHION OF AGRICULTURE, CADASTRE, AGROTOURISM 	Faculty of Agriculture and Horticulture Section 1- Ground floor <i>Aula Buia</i> Section 2 – Ground floor L 119 Section 3 – Ground floor L 126 Section 4 – Ground floor L 114
16,30-17,00	<i>Coffee break</i> Posters Exhibition	Faculty of Agriculture and Horticulture (First floor)
17,00-18,30	Oral presentations II (sections 1-4) <ul style="list-style-type: none"> • Section 1: AGRICULTURE AND FORESTRY SCIENCES, ANIMAL SCIENCE 	Horticulture Section 1- Ground floor

	<ul style="list-style-type: none"> Section 2 : HORTICULTURE AND FOOD SCIENCE Section 3 : BIOLOGY, PLANT AND ENVIRONMENTAL PROTECTION Section 4 : MANAGEMENT, MECANIZATHION OF AGRICULTURE, CADASTRE, AGROTOURISM 	<i>Aula Buia</i> Section 2 – Ground floor L 119 Section 3 – Ground floor L 126 Section 4 – Ground floor L 114
19,30	Festive Dinner – Restaurant Prestige-	Matei Basarab Street, no. 15, Craiova, near of Cathedral <i>Sf. Dumitru</i>
14 NOVEMBER 2014		
9,00-10,30	Poster presentation I (sections 1-4) <ul style="list-style-type: none"> Section 1: AGRICULTURE AND FORESTRY SCIENCES, ANIMAL SCIENCE Section 2 : HORTICULTURE AND FOOD SCIENCE Section 3: BIOLOGY, PLANT AND ENVIRONMENTAL PROTECTION Section 4 : MANAGEMENT, MECANIZATHION OF AGRICULTURE, CADASTRE, AGROTOURISM 	Faculty of Agriculture and Horticulture (First floor)
10,30-11,30	HORIZON 2020- Societal Challenges-Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy - Calls for proposal- BADIU Aurel PhD - A.S.A.S. <i>Gheorghe Ionescu Sisești, NCP Romania</i> PN- II- PT-PCCA Project presentation -Evaluation of the productive potential of phytoremediation and adaptability to water stress of Salix genotypes, in resorts improper for crops (SAROSWE) - Prof. Mihaela CORNEANU PhD (U.S.A.M.V. of Banat <i>Regele Mihai I al Romaniei</i> , Timișoara), Prof. SOARE Marin PhD (University of Craiova) and HOLLERBACH Wilhelm (S.C. Rebina Agrar S.R.L. Timișoara)	Faculty of Agriculture and Horticulture Ground floor Aula Buia
11,30-12,00	<i>Coffee break</i>	Faculty of Agriculture and Horticulture (First floor)
12,00-13,30	Poster presentation II (sections 1-4) <ul style="list-style-type: none"> Section 1: AGRICULTURE AND FORESTRY SCIENCES, ANIMAL SCIENCE Section 2 : HORTICULTURE AND FOOD SCIENCE Section 3: BIOLOGY, PLANT AND ENVIRONMENTAL PROTECTION Section 4 : MANAGEMENT, MECANIZATHION OF AGRICULTURE, CADASTRE, AGROTOURISM 	Faculty of Agriculture and Horticulture (First floor)
13,30	Closing of Symposium	

Places of Symposium:

UNIVERSITY OF CRAIOVA

Address: AI Cuza, no.13, Craiova, Romania

FACULTY OF AGRICULTURE AND HORTICULTURE

Address: Libertății, no.19, Craiova, Romania

SECTION 1

AGRICULTURE AND FORESTRY SCIENCES, ANIMAL SCIENCE

Agricultural technology; Agrotechnics; Agricultural chemistry; Ecological agriculture; Grassland and forage crop; Forestry; Animal science; Technologies applied in animal husbandry; Aquaculture

Moderators: **Prof. Assoc. NICULESCU MARIANA PhD.**
 Prof. Assoc. MARIUS VLADU PhD.

Secretary: **Lecturer CIOBANU ANDI PhD.**
 Lecturer Ovidiu PĂNIȚĂ PhD.



ORAL PRESENTATIONS

14³⁰-14⁴⁰

THE CORRELATION STUDIES OF ANTIMYCOBACTERIAL ACTIVITY FOR A NUMBER OF DERIVATIVES OF 4-CARBOXAMIDE

Amzoiu Emilia, Averis Larisa Elisabeth, Bejenaru Cornelia, Amzoiu Manuel Ovidiu, Anoaica Paul Gabriel

14⁴⁰-14⁵⁰

THE INFLUENCE OF THE DENSITY OF THE NATURAL REGENERATION OF THE SEEDLINGS OF HUNGARIAN (QUERCUS FRAINETTO) AND TURKEY OAK (QUERCUS CERRIS) ON THE INDIVIDUAL CHANGES OF TREES FOLLOWING THE WOODLAND STAGE

Bercea Iulian, Niculescu Mariana

14⁵⁰-15⁰⁰

RESEARCH REGARDING THE PHYSIOLOGY OF COTINUS COGGIGRIA Scop. SPECIES

Buse Dragomir Luminita, Nicolae Ion

15⁰⁰-15¹⁰

UNIVARIATE AND MULTIVARIATE ANALYSIS OF SOME GARLIC LANDRACES FOR BULBS TRAITS

Ciulca S., Renata Șumălan, Sorina Popescu , Brigitta Schmidt, Șumălan R.

15¹⁰-15²⁰

APPLICATION OF GPS TEHNOLIGY (GLOBAL POSITIONING SYSTEM) IN FOREST INVENTORY STATISTICS

Cojoacă Florin Dorian, Florin Achim , Marian Stan, Silviu Păunescu

15²⁰-15³⁰

THE EFFECT OF SOME HEAVY METALS (Cd, Ni, Pb) ON CELL DIVISION IN SALIX sp.

Corneanu Mihaela, Corneanu C. Gabriel, Hernea Cornelia

15³⁰-15⁴⁰

PHENOTYPIC BIOCHEMICAL VARIABILITY IN SOME BASIL (Ocimum basilicum L.) ROMANIAN LANDRACES

Corneanu Mihaela, Butnariu Monica, Danci Oana, Corneanu Gabriel

15⁴⁰-15⁵⁰

APPROACHES ON THE DYNAMICS OF THE FLORISTIC COMPOSITION OF A BANAT HILL GRASSLAND (WESTERN ROMANIA)

Durău Carmen Claudia, Otilia Cotuna, Veronica Sărăteanu

15⁵⁰-16⁰⁰

NATURAL REGENERATION OF MIXED BEECH STANDS

Hernea Cornelia , Ciresan Dinu Dorin

16⁰⁰-16¹⁰

PHENOTYPIC RESPONSE OF WILLOW CUTTINGS TO HEAVY METALS. A PRELIMINARY LABORATORY TEST

Hernea Cornelia, Corneanu Mihaela

16¹⁰-16²⁰

RELATIONSHIPS BETWEEN SLUDGE DOSES AND CALCIUM CONTENT FROM AGRICULTURAL CROPS

Ionescu Nicoalaie, Ionescu Sorin Gabriel

16²⁰-16³⁰

THE GENETIC VARIABILITY OF PERCCOTTUS GLENII FROM THE SIRET RIVER, IDENTIFIED BY THE CYTOCHROME B GENE SEQUENCING

Luca Monica, Ureche D., Nicuță Daniela, Druică R., Ghiorghiță G., Gorgan D. L.

17⁰⁰-17¹⁰

QUALITY ASSESSMENT OF TOBACCO TYPE VIRGINIA F.I. USING INTERNATIONAL RATING SYSTEM

Matei Gh., Torcea M., Imbrea Fl.

17¹⁰-17²⁰

DETECTION OF HEAVY METALS FROM MOLLUSCS SHELLS

Mititelu Magdalena, Ioniță Corina, Ioniță Elena, Neacșu Sorinel Marius, Amzoiu Emilia, Averis Larisa Marina Elisabeth, Moroșan Elena

17²⁰-17³⁰

EVOLUTION OF INFESTATIONS WITH LOOPERMOTH (GEOMETRIDAE) IN OAK FORESTS FROM ROMANIA

Nețoiu Constantin, Tomescu Romică, Buzatu Andrei

17³⁰-17⁴⁰

INTEGRATED DISEASE MANAGEMENT OF FUSARIUM HEAD BLIGHT, A SUSTAINABLE OPTION FOR WHEAT GROWERS WORLDWIDE

Paraschivu Mirela, Cotuna Otilia, Paraschivu Marius

17⁴⁰-17⁵⁰

THE DIDACTIC RESORT "PEDAGOGIC"... BETWEEN IDEALISM AND PRAGMATISM

Patularu Ionut Adrian

17⁵⁰-18⁰⁰

THE DEVELOPMENT OF ORGANIC FARMING IN THE EU AND IN ROMANIA-BIG OPPORTUNITY FOR REDUCING THE RISKS AND THE HAZARDS THAT OCCUR IN THE FOODS PRODUCTION

Savescu P., Dodocioiu Ana-Maria, Vladu Cristina Manuela, Boruz S.

18⁰⁰-18¹⁰

ASSESSMENT OF PHENOTYPIC DIVERSITY FOR SOME RED ONION LANDRACES FROM TIMIȘ COUNTY

Șumalan R., Diana Ion, Ioana Popescu, Brigitta Schmidt, Șumalan Renata, Camen D., Ciulca S.

18²⁰-18³⁰

STUDY ABOUT THE LEAD TRANSFER FROM SEWAGE SLUDGE INTO AGROECOSYSTEMS

Trașcă F., Ionescu Nicolaie, Mincă Gina

18³⁰-18⁴⁰

SUSTAINABLE AGRICULTURE IN THE DANUBE VALLEY, CETATE-DABULENI SECTOR

Triculescu Mihaela



POSTER PRESENTATION

THE STUDY OF PARTITION COEFFICIENT OCTANOL/WATER FOR 3-(2-ALCHYLSULFANYL-6-BENZOTHIAZOLYLAMINOMETHYL)-2-BENZOAZOLTIONE AS PHOTOSYNTHESIS INHIBITORS

Emilia Amzoiu, Ionela Belu, Larisa Elisabeth Averis, Denisa Amzoiu, Ludovic Bejenaru

COMPARATIVE ANATOMY OF TWO CULTIVATED SPECIES OF COLEUS BLUMEI BENTH. (LAMIACEAE) LEAVES WITH ORNAMENTAL VALUE

Rodica Bercu

STUDY REGARDING INFLUENCE OF THE ORGANIC FERTILIZATION ON THE MORPHOLOGICAL AND PRODUCTIVITY TRAITS TO THE SOYBEAN (GLYCINE MAX)

Bonciu Elena, Iancu Paula

CRASSULACEAE AND EUPHORBIACEAE FROM GREENHOUSES COLLECTION "AL. BUIA" BOTANICAL GARDEN OF THE UNIVERSITY OF CRAIOVA

Boruz Violeta, Cruceru Sonia

MEDICINAL PLANTS FROM GREENHOUSES COLLECTION "AL. BUIA" BOTANICAL GARDEN OF THE UNIVERSITY OF CRAIOVA (NOTE II)

Boruz Violeta, Cruceru Sonia

EXPERIMENTAL STUDIES ON THE FERTILITY OF THE EUTRIC PSAMOSOIL IN POIANA MARE – DOLJ

Buzatu Claudiu , Grecu Florina

ECOPHYSIOLOGICAL ASPECTS REGARDING THE „SIBLEAC,, ASSOCIATIONS FROM IRON GATES NATURAL PARK

Buse Dragomir Luminita, Nicolae Ion

INFLUENCE OF FEEDING ON THE WEIGHT OF BROILER CHICKENS

Colă M., Florica Colă

EFFECT OF FEEDING ON THE CONSUMPTION OF FODDER AND THE STRUCTURE OF BROILERS CARCASSES

Colă M., Florica Colă

RESEARCH ON THE INFLUENCE OF CHEMICAL FERTILIZERS ON TEMPORARY SHORT-EXPLOITATION GRASSLAND

Croitoru Irina Marinela, Croitoru Alin, Miluț Marius

THE INFLUENCE OF THE PROPORTION BETWEEN THE COMPONENTS IN TWO SIMPLE SHORT- EXPLOITATION MIXTURES

Croitoru Irina Marinela, Croitoru Alin

THE LIST OF THE MAIN SPONTANEOUS MEDICINAL PLANTS FROM ROMANIA

Dihoru Gheorghe, Boruz Violeta

THE INFLUENCE OF THE CLIMATIC CONDITIONS ON PRODUCTION OF FOREIGN VARIETIES OF PEANUTS GROWN ON SANDY SOILS

Milica Dima

PSAMMOPHILOUS PLANT ASSOCIATIONS FROM THE COASTAL AREA OF THE BLACK SEA BETWEEN PERIBOINA AND PERITEAȘCA (DANUBE DELTA BIOSPHERE RESERVE)

Fagaras Marius

EFFECT OF STEEL SLAG LF APPLICATION ON SOIL CHEMICAL PROPERTIES

Eugenia Gament, Mariana Marinescu, Ildiko Anger, Mihalache M., Ilie L., Stoiciu Fl.

EVALUATION OF SAFFLOWER CULTURE (CARTHAMUS TINCTORIUS) AS A FORAGE ALTERNATIVE FOR SUNFLOWER CULTURE (HELIANTHUS ANNUUS) IN THE ARID AREAS OF SOUTHERN ROMANIA

Gheorghe Ivan, Tudora Catalina

THE INFLUENCE OF CHEMICAL FERTILISERS AND SOIL UPON THE CROP FORMATION TO GROUNDNUTS AND THE CORRELATION WITH THE PHENOMENON OF WITHERING

Iancu Paula, Soare M., Matei Ghe.

BULK DENSITY OF SOME ROMANIAN SOILS

Ilie L., Mihalache M., Gina Scăețeanu

ANATOMICAL ASPECTS OF THE STEM AND LEAF OF SENECIO GRANDIDENTATUS LEDEB. (ASTERACEAE)

Loreley Dana Jianu, Rodica Bercu, Razvan Dan Popovicu

STUDY ON MAIN INDICATORS OF PANIFICATION ON AN ASSORTMENT OF COMMON WHEAT RECEIVED AND STORED AT BOROMIR – DEVA

Gh. Matei, A. Rotaru, Fl. Imbrea, Elena Rotaru

THE INFLUENCE OF DIFFERENT TREATMENTS OF SOIL POLLUTED WITH CRUDE OIL ON PLANT BIOMASS

Mariana Marinescu, Anca Lacatusu, Eugenia Gament, M. Marinescu

RESEARCH REGARDING THE INFLUENCE OF LF SLAG ON CHROMIC LUVISOL REACTION AND WHEAT YIELD IN THE EXPERIMENTAL FIELD FROM MOARA DOMNEASCĂ

Mihalache M., Ilie L., Marin D.I., Ildiko Anger

INVESTIGATION OF HEAVY METALS FROM SOME ALIMENTARY PRODUCTS

Magdalena Mititelu, Corina Ioniță, Elena Ioniță, Sorinel Marius Neacșu, Emilia Amzoiu, Larisa Marina Elisabeth Averis, Elena Moroșan

CONSIDERATIONS ABOUT THE WOODY VEGETATION OF THE BĂIȚA-CRĂCIUNEȘTI AREA, HUNEDOARA COUNTY

Niculescu Mariana, Bercea Iulian, Niculescu Laurențiu, Ilie Silvestru Nuță

FOREST HABITATS FOUND IN LESPEZI QUARRY, DÂMBOVIȚA COUNTY

Niculescu Mariana, Bercea Iulian, Niculescu Laurențiu, Nicoleta Hîrjeu

INFLUENCE OF LATE BLIGHT (PHYTOPHTHORA INFESTANS) ATTACK ON NUTRITIONAL QUALITIES OF TOMATO

Mirela Paraschivu, Cristina Băbeanu, Rodica Soare, Maria Dinu, Mădălina Drăgoi

THE INFLUENCE OF CLIMATIC FACTORS AND TECHNOLOGY IN SOME POTATO VARIETIES GROWN ON SANDY SOILS

Marieta Ploae, Aurelia Diaconu, Milica Dima

VARIATIONS OF CLIMATE PARAMETERS AND THEIR IMPACT ON CABERNET SAUVIGNON AND SAUVIGNON BLANC PHENOLOGY IN CONDITIONS OF CENTRAL SERBIA

Pržić Zoran, Marković N., Vuković A., Vujadinović M., Ranković-Vasić Z., Ruml M.

INFLUENCE OF PARTIAL DEFOLIATION AND HARVEST TIME ON AMPELOGRAFIC CHARACTERISTIC OF CABERNET SAUVIGNONE GRAPE

Pržić Zoran, Marković N.

THE INFLUENCE OF PRESSURING AND VACUUMING CYCLIC PROCESS ON TENDERIZING BEEF PASTRAMI

Roșca Daniela, Roșca Adrian

THE ENERGY BALANCE FOR SUNFLOWER CROPS UNDER IRRIGATION AND DIFFERENT DOSES OF FERTILIZERS AND BASIC SOIL OPERATIONS

Elena Roșculete, Roșculete C.A.

CONSIDERATIONS ON COMPRESSION STRENGTH OF TENDERIZED PORK MEAT BY USING MECHANICAL PROCESSING

Roșca Daniela, Csatlos Carol, Roșca Adrian

THE INFLUENCE OF CROP ROTATION, ROTATION AND FERTILIZATION ON YIELD SUNFLOWER IN CLIMATIC CONDITIONS FROM VALUL LUI TRAIAN

Violeta Simionescu, Monica Tanc, I. Bulica, Daniela Plesoianu

THE LONG TERM EFFECT OF FERTILIZATION ON THE CONTENT OF SOIL MICRONUTRIENTS

Violeta Simionescu, Monica Tanc, I. Bulica, Daniela Plesoianu

THE BIODIVERSITY STUDY OF SOME ROSA CANINA GENOTYPES FROM OLTENIA AREA

Soare Rodica, Niculescu Mariana, Păniță Ovidiu, Bonea Dorina, Iancu Paula

WETLAND RESTORATION IN DANUBE VALLEY, CETATE – DABULENI SECTOR

Mihaela Triculescu

ESTIMATION OF THE STATE THE RED/OX-SYSTEM OF THE TYPES OF GRAPES, INTRODUCED IN BELARUS', WHICH REFLECTS STRESS-RESISTANCE TO THE UNFAVORABLE FACTORS OF THE MEDIUM

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Moderators: Prof. BACIU AURELIAN ADRIAN PhD.
Prof. NOUR VIOLETA PhD.
Prof. Assoc. COSMULESCU SINA PhD

Secretary: Lecturer CĂPRUCIU RAMONA PhD.
Lecturer GRUIA MARIUS PhD.
Lecturer FELICIA STOICA PhD



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Genetics; Botany; Plant physiology; Animal physiology; Biochemistry; Phytopathology; Entomology; Microbiology; Ecology; Biophysics and Agro-meteorology; Plant breeding; Engineering and Environmental Protection; Climate change

Moderators: Prof. DANIELA POPA, PhD.
Prof. ELENA GAVRILESCU, PhD
Prof. Assoc. CIUPEANU CĂLUGĂRU DANIELA, PhD.

Secretary: Lecturer RĂDUȚOIU DANIEL, PhD.
Lecturer ȚUCĂ OVIDIU, PhD.
Assistant Lecturer DIANA BUZATU, PhD.



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MANAGEMENT, MECANIZATHION OF AGRICULTURE, CADASTRE, AGROTOURISM

Economic Sciences with application in agriculture; Machinery, installations and agricultural equipment; Constructions agricultural, horticultural and forestry; Irrigation systems and equipment; Transport; Measurements land and cadastre; Land Improvement; Sustainable development, Agrotourism

Moderators: Prof. ALEXANDRU TUDOR PhD.
Prof. CĂLINA AUREL PhD.

Secretary: Lecturer MILUȚ MARIUS PhD.
Lecturer ALIN CROITORU PhD.



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