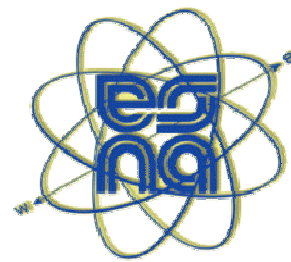




**UNIVERSITY OF CRAIOVA  
FACULTY OF AGRONOMY**

**ESNA  
EUROPEAN SOCIETY FOR NEW METHODS  
IN AGRICULTURAL RESEARCH**



**47<sup>th</sup> CONFERENCE OF ESNA**  
***"AGRICULTURE, CADASTRE, SILVICULTURE,  
FOOD-SCIENCE AND TECHNOLOGIES "***  
**And**  
**THE 14<sup>th</sup> ANNUAL MEETING**  
***"DURABLE AGRICULTURE –AGRICULTURE  
OF THE FUTURE"***

**27<sup>st</sup> - 29<sup>th</sup> September 2018, CRAIOVA, ROMANIA**

## **Dear Colleagues,**

*On behalf of the ESNA Committee and Local organizing committee it is our pleasure to invite you to participate in the 47-th Annual Meeting of our Society to be held in Craiova, Romania. The host of the ESNA meeting will be the Faculty of Agronomy – University of Craiova.*

*Craiova, Romania's 6<sup>th</sup> largest city and capital of Dolj County, is situated near the east bank of Jiu river, in central Oltenia. It is a longstanding political center, and is located at approximately equal distances from the Southern Carpathians (north) and Danube River (south). Craiova is the chief commercial city west of Bucharest and the most important city of Oltenia Region. The city prospered as a regional trading centre despite an earthquake in 1790, a plague in 1795, and a Turkish assault in 1802 during which it was burned.*

*The Faculty of Agronomy at the University of Craiova is one of the oldest institutions of higher education in Romania, over time is concerned with ensuring an effective education, oriented society useful specialization. Currently, the Faculty of Agronomy in Craiova is a modern educational institution which carries out all forms of higher education.*

*The University of Craiova was founded within the university center system in Romania in the second half of the 20th century, being, chronologically, the fifth university in the country, following the ones in Iasi, Bucharest, Cluj-Napoca, and Timisoara.*

*The efforts to set up a university centre in the heart of the region of Oltenia were completed by the passing of the Law no. 138/April 25, 1947, thus permitting the founding and organization of the University of Craiova and its ephors.*

*The first higher education institutions in Craiova, organized after the passing of the 1947 law, were: The Faculty of Agronomy, in 1947; The Agronomic Institute, in 1948; The Technical Institute, in 1951; the 3-Year Pedagogical Institute, in 1959. All these institutes constituted the University of Craiova, according to the Decision of the Ministers Council, no. 894/August 27, 1965 (published in the Official Bulletin no. 2 of the Socialist Republic of Romania, dated September 10, 1965).*

*Currently, UCV is a comprehensive institution, made up of 12 faculties, 34 departments, out of which 3 are autonomous and the others are subordinate to faculties, 37 research centres and 3 research institutes.*

*The infrastructure of UCV is adequate (1 main building, 5 campuses, 12 halls of residence, more than 300 lecture theatres and seminar rooms, 255 laboratories, 1 university library and 14 individual libraries, 4 R&D units, 1 university club, etc.; qualified staff (946 teaching staff members and 215 non-teaching staff members, and 796 administrative and maintenance staff members assuring the quality of the services provided for students (17,052) and for society.*

*In order to improve the education process, a special interest was laid upon the reformation of the higher education in accordance with the European Union regulations and the development of the cooperation and collaboration with other academic institutions in the country and abroad, within the European and extra-European area.*

*We hope we will all have a memorable and scientifically stimulating meeting in Craiova and we look forward to meeting you here in September 2018.*

## **Welcome to Craiova, Romania!**

### **Conference Chairmans:**

**Prof. dr. eng. Aurel CĂLINA**  
**Vice-Rector, University of Craiova**

**Prof. dr. eng. Vlado LIČINA**  
**President of ESNA, University of Belgrade**

**Prof. dr. eng. Tudor ALEXANDRU**  
**Dean, Faculty of Agronomy, Craiova**

**Prof. assoc. dr. Mariana NICULESCU**  
**Vice-Dean, Faculty of Agronomy, Craiova**

### **HONORARY COMMITTEE**

Prof. dr. eng. Cezar Ionuț SPÎNU, Rector of University of Craiova, Romania  
Prof. dr. eng. Aurel CĂLINA, Vice-Rector of University of Craiova, Romania  
Prof. dr. eng. Vlado LIČINA, Faculty of Agriculture, University of Belgrade, Serbia, President of EUROPEAN SOCIETY FOR NEW METHODS IN AGRICULTURAL RESEARCH  
Prof. Multiple Dr. H. C. Stefano GREGO, Honorary President of ESNA, World Agricultural Heritage Foundation, Chairman of Scientific Committee, Deputy Director of CIRPS, Italy  
Prof. dr. Magdalena MIHAI, Vice-Rector of University of Craiova, Romania  
Prof. dr. Radu CONSTANTINESCU, Vice-Rector of University of Craiova, Romania  
Prof. dr. Nicolae PANEA, Vice-Rector of University of Craiova, Romania  
Prof. dr. eng. Nicu BÎZDOACĂ, Vice-Rector of University of Craiova, Romania  
Assoc. Prof. dr. Dorel BERCEANU, Vice-Rector of University of Craiova, Romania  
Prof. dr. eng. Menković NEBOJŠA, Faculty of Agriculture, University of Belgrade, Serbia  
Prof. dr. eng. Markovic NEBOJŠA, Faculty of Agriculture, University of Belgrade, Serbia  
Prof. dr. Jörg RINKLEBE, University of Wuppertal, Germany  
Prof. dr. Mustafa ÜMIT ÜNAL, University of Çukurova, Faculty of Agriculture, Adana, Turkey  
Prof. dr. Mustafa BOLCA, Dean of the Ege University, Agricultural Faculty, Izmir, Turkey  
Prof. dr. Andrzej Sechman, University of Agriculture, Krakow, Poland  
Prof. dr. Malgorzata E. SZCZAWINSKA, Warsaw University of Life Sciences, Poland  
Prof. dr. Athanasios GERTSIS, Perrotis College, American Farm School, Greece  
Prof. dr. Stanislav PROCHÁZKA, Mendel University, Brno, Check Republic  
Dr. eng. Valentin Nicolae VLĂDUȚ, I.N.M.A. Bucuresti, Romania

### **SCIENTIFIC COMMITTEE**

Prof. dr. eng. Tudor ALEXANDRU, Dean of the Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. Mariana NICULESCU, Vice-Dean of Faculty of Agronomy, University of Craiova, Romania  
Prof. dr. Burçin ÇOKUYŞAL, Vice-Dean, Ege University, Agricultural Faculty, Izmir, Turkey  
Doc. dr. Zoran PRŽIĆ, Faculty of Agriculture, University of Belgrade, Serbia  
Assoc. Prof. dr. Aysun ŞENER, Adana Science and Technology University, Faculty of Engineering and Natural Sciences, Turkey  
Assoc. Prof. dr. Nersrin ÖRÇEN, Ege University, Agricultural Faculty, Izmir, Turkey  
Assoc. Prof. dr. Ahmet D. DUMAN, Mustafa Kemal University, Faculty of Agriculture, Antakya Hatay/Turkey  
Dr. Selin Yabaci KARAOĞLAN, Adana Science and Technology University, Faculty of Engineering and Natural Sciences, Turkey  
Prof. asst. dr. M. Cuneyt BAGDATLI, University of Nevsehir Haci Bektas Veli Engineering and Architecture Faculty, Department of Biosystem Engineering, Turkey  
Assoc. Prof. dr. Monica Tereza BOSCAIU, Department of Agroforest Ecosystems, Polytechnic University of Valencia, Spain  
Prof. dr. Oscar VICENTE, Department of Biotechnology, Polytechnic University of Valencia, Spain  
Assoc. Prof. dr. eng. Mugurel COLĂ, Vice-Dean of the Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. eng. Sorin Petruț BORUZ, Vice-Dean of the Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. eng. Liviu Aurel OLARU, Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. eng. Jenica CĂLINA, Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. Roxana Maria BĂDÎRCEA, Faculty of Economics and Business Administration, University of Craiova, Romania  
Prof. dr. eng. Dragomir BRUMAR, Faculty of Agronomy, University of Craiova, Romania  
Prof. dr. eng. Constantin COTIGĂ, Faculty of Agronomy, University of Craiova, Romania  
Prof. dr. eng. Ion SĂRĂCIN, Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. eng. Mihnea GLODEANU, Faculty of Agronomy, University of Craiova, Romania  
Assoc. Prof. dr. eng. Constantin NEȚOIU, Faculty of Agronomy, University of Craiova, Romania  
Dr. Mirela RIDICHE, Oltenian Museum, Craiova, Romania  
Junior Lecturer. dr. eng. Marius MILUȚ, Faculty of Agronomy, University of Craiova, Romania  
Junior Lecturer. dr. eng. Alexandru SĂRARU, Faculty of Agronomy, University of Craiova, Romania

### **ORGANIZING COMMITTEE**

Assoc. Prof. dr.eng. Dorina BONEA, Faculty of Agronomy, University of Craiova  
Assoc. Prof. dr. eng. Emilia CONSTANTINESCU, Faculty of Agronomy, University of Craiova  
Assoc. Prof. dr. eng. Petre SĂVEȘCU, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Elena BONCIU, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Florica COLĂ, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Florina GRECU, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Elena ROȘCULETE, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Florin COJOACĂ, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Iulian BERCEA, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Alin CROITORU, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Dragoș MEDELETE, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Claudiu BUZATU, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Marius Nicolae CIOBOATĂ, Faculty of Agronomy, University of Craiova  
Junior Lecturer dr. eng. Andi CIOBANU, Faculty of Agronomy, University of Craiova  
Dr. eng. Irina Marilena CROITORU, Faculty of Agronomy, University of Craiova  
Dr. eng. Călin SĂLCEANU, Faculty of Agronomy, University of Craiova  
Dr. eng. Alina Marilena PRIOTEASA, Faculty of Agronomy, University of Craiova  
Eng. Carmen VASILESCU, Faculty of Agronomy, University of Craiova  
Eng. Florin PĂTRU, Faculty of Agronomy, University of Craiova

**Date and venue**

**September 27<sup>th</sup> – 29<sup>th</sup> 2018,  
CRAIOVA, ROMANA**

**PARTENERS: CONSAGRO CRAIOVA  
OLTENIA MUSEUM, CRAIOVA**

**KEYNOTE SPEAKERS:**



**Assoc. Prof. Dr. Aysun ŞENER  
ADANA SCIENCE AND TECHNOLOGY UNIVERSITY,  
FACULTY OF ENGINEERING, TURKEY**



**Assoc. Prof. Dr. Nesrin ÖRÇEN  
EGE UNIVERSITY, AGRICULTURAL FACULTY  
IZMIR, TURKEY**



**Prof. dr. eng. Menković NEBOJŠA  
UNIVERSITY OF BELGRADE, FACULTY OF  
AGRICULTURE, SERBIA**



**Assist. Prof. Dr. Marcin W. LIS  
UNIVERSITY OF AGRICULTURE IN KRAKOW,  
DEPARTMENT OF VETERINARY, ANIMAL  
REPRODUCTION AND WELFARE, POLAND**



**Prof. dr. eng. Markovic NEBOJŠA,  
UNIVERSITY OF BELGRADE, FACULTY OF  
AGRICULTURE, SERBIA**

## **WHAT IS ESNA? WHO ARE ESNA'S PARTICIPANTS?**

The European Society for New Methods in Agricultural Research (ESNA) is an international society established in Wageningen (The Netherlands) in 1969 with the aims of exchanging ideas and techniques to promote the advancement of agricultural sciences. The original scope - the coordination of research in the application of nuclear techniques in agriculture – has gradually changed and now the Society also covers aspects of environment protection and the application of new methods and biotechnology in agricultural research. The Society organizes annual meetings in various European countries and the scientific programme is devoted to fundamental and applied issues from the mentioned areas *burned*.

## **ESNA AND "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE" MEETING WORKING GROUPS**

### **WG 1 PLANT SCIENCES**

#### **Application of new methods in plant biotechnology:**

Advanced breeding, genotyping and propagation methods;  
Plant biochemistry; Plant rhizosphere; Phytoremediation;  
Plant physiology and molecular biology; Proteomic, genomic, metabolomics of plants and microorganisms and related topics;  
Plant cultivation;  
Fundamentally Disciplines and Environment.

### **WG 2 SOIL SCIENCES**

#### **New methods and application in soil science:**

Plant nutrition /including microbial aspects;  
Use of stable and radioactive isotope techniques;  
Behaviour of pollutants in soil-plant system;  
Soil-microbiology; soil quality and health and related topics.

### **WG 3 ANIMAL & FOOD SCIENCES**

#### **New methods and application in food/feed and animal sciences in sustainable agroecosystems:**

Food preservation and safety  
food/feed and waste irradiation, incl. legal aspects  
Climate change;  
Animal physiology, endocrinology, reproduction, metabolism, pathology, genetics, radiobiology;  
Technology; pest control in agriculture; disturbances of nutrient cycling;  
Technological aspects of agroecosystem sustainability;  
Science of sustainability; technological and ecological aspects of waste recycling;  
Technical aspects related to spatial variability; bioremediation and related topics.

### **WG 4 AGROBIODIVERSITY AND FORESTRY**

Agrobiodiversity and climate change;  
Invasive plants a problem for agriculture  
The biodiversity of the aromatic, tinctorial and medicinal plants; Agrobiocultural diversity;  
Key factors and ecological functions agrobiodiversity;  
Agroforestry; Landscape ecology;  
Agriculture and Forest ecosystems functions;  
Agriculture and Forest Policy, Economics; Natural hazards and risk management;  
Forest and agriculture ecosystems; Temperate and Boreal Silviculture;  
Forest Biodiversity (in Plant Taxonomy, Mycology, or Soil Microbiology)  
Ecology and silviculture of oak, beech, spruce, fir, accacia and pine;  
Restoration of degraded sites; Silviculture and management of threatened and endangered tree species; Silviculture for production of edible fruits;  
Forest management; Forest history and traditional knowledge; Forest Habitats and forest restoration survey; The Power of Science to Halt Deforestation; Wood Science  
Forests and Water for Cities;  
Silvology - Redefining the Biological Science for the Study of Forests; Forest and Society.

### **WG5 - CADASTRE, AGRICULTURE MECHANIZATION AND MANAGEMENT**

## OTHER DETAILS:

The **47<sup>th</sup> CONFERENCE OF ESNA "AGRICULTURE, CADASTRE, SILVICULTURE, FOOD-SCIENCE AND TECHNOLOGIES"** and the **14<sup>th</sup> ANNUAL MEETING - "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"** will be held at the Conference Center of Faculty of Agronomy, Craiova located in the south-west of Romania, for registration, Opening Ceremony, invited lectures, working group's sessions and poster session.

### DEADLINES:

Conference registration: Before **SEPTEMBER 1<sup>st</sup> 2018**

Submission of abstract: **SEPTEMBER 15, 2018**

Submission of full papers (max. 2 papers for first author): **SEPTEMBER 15, 2018**

### PUBLICATIONS:

All participants will be invited to submit the papers (max. 2 for first autor) until September 15, 2018 to the Conference Secretary (agronomie\_cv@yahoo.com) and, following a standard peer review process, **a selection** of the finest ones will be published in a special issue of the journals:

**1. ANNALES OF THE UNIVERSITY OF CRAIOVA, AGRICULTURE, MONTANOLOGY, CADASTRE SERIES**, ISSN 1841- 8317; ISSN CD-ROM 2066-950X, CABI, Index Copernicus, Ulrich, Google Scholar, CiteFactor, Bielefeld Academic Search Engine, Index Research Bib, **ICV 2016 - 81,15**.

**2. JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE (JSFA)**

### Participation fee:

130 € (or in lei at the rate of the day);

80 € (or in lei at the rate of the day) for the member of Agriculture Consortium of Romania and PhD students;

30 € (fee is paid in lei at the rate of the day) - Tourist visit (Trip in Oltenia; Traditional lunch)

The participation fee includes: Conference proceedings on CD-ROM; Conference information material; Coffee breaks; Gala dinner.

The participation fee **does not include**: accommodation, payments for tourist excursion.

Tourist visit (Trip in Oltenia; Traditional lunch): 30 € (fee is paid in lei at the rate of the day)

### PAYMENT INFO (FOR RON):

BY BANK TRANSFER AT THE FOLLOWING ACCOUNTS:

Beneficiary: ASOCIATIA CONSAGRO CRAIOVA

Address: 19 Libertatii Street, CRAIOVA

Name of Bank: Banca Transilvania

IBAN Code: RO69BTRL01701205N98863XX

WITH THE SPECIFICATION: "ESNA"CONFERENCE FEE, FACULTY OF AGRONOMY

THE FEE DOES NOT INCLUDE THE BANK TRANSFER FEE

### PAYMENT INFO (FOR EURO)

BY BANK TRANSFER AT THE FOLLOWING ACCOUNTS:

Beneficiary: ASOCIATIA CONSAGRO CRAIOVA

Address: 19 Libertatii Street, CRAIOVA

FN CRAIOVA FN DOLJ RO

Name of Bank: Banca Transilvania

IBAN Code: RO68BTRLEURCRT00N9886301

WITH THE SPECIFICATION: "ESNA"CONFERENCE FEE, FACULTY OF AGRONOMY

THE FEE DOES NOT INCLUDE THE BANK TRANSFER FEE

**The organizers do not provide hotel reservations.**

**Please consult hotel vacancies:**

Hotel EUROPECA	<a href="http://www.hoteleuropeca.ro/">http://www.hoteleuropeca.ro/</a> Tel: +40 751 224 794 Fax: +40 251 419 586
Hotel PARC	<a href="http://www.hotelparc.go.ro">http://www.hotelparc.go.ro</a> Tel.: +40 251 417 257
Hotel RAMADA PLAZA	<a href="http://www.ramadaplazacraiova.ro/en">http://www.ramadaplazacraiova.ro/en</a> Tel. : +40 351 100 200
Mansion LUISA	Tel.: +40 251 411 735 <a href="http://craiova/pensiunea_luisa-c58771.html">craiova/pensiunea_luisa-c58771.html</a>
Hotel BAVARIA	Tel.: +40 251 414 449 <a href="mailto:office@hotel-bavaria.ro">office@hotel-bavaria.ro</a> <a href="mailto:hotel-bavaria@yahoo.com">hotel-bavaria@yahoo.com</a>

### **Arriving in / Departure from CRAIOVA**

#### **By air**

Your place of arrival in Romania will be most likely the **"Henri Coandă" International Airport near Bucharest** or **International Airport Craiova (<http://www.aeroportcraiova.ro/>)**. When you show your passport and visa to the immigration officers, you may be asked why you have come to Romania and also whether you have enough money to cover your costs of living plus a return ticket. You will avoid delays if you have all your papers handy: your passport and documents indicating your official acceptance by the university and your proof of financial support. Before you go through customs you can exchange money at a counter in the luggage-collecting hall. The exchange rate is almost as good as you will get anywhere. To proceed to Craiova, you can take a taxi/bus from the airport to the Railway Station (Gara de Nord) in Bucharest.

#### **By rail**

If you wish to travel from Bucharest to Craiova by rail (<http://www.infofer.ro/>), you will have to leave from Bucharest Nord railway station. There are 250 km between Bucharest and Craiova and the journey will take you between 3 hours . We recommend you travel by the Rapid trains (fast) or Intercity, which stop only in a few stations. A single ticket for Intercity ("Blue Arrow") costs approx. 12 EUR. The first class ticket for rapid train costs aprox. 20 EUR.

NOTE: There are also other trains coming to Craiova during the day and night.

#### **By car**

The trip by car to CRAIOVA is very nice and easy. Navigation coaches are not difficult if you have a [route map of Romania](#).

There are also regular buses that are running to/from Greece, Turkey, Czech Republic, Austria, Bulgaria, Serbia, Hungary, Italy, France, Spain and Germany.



#### **Local Transport**

For transport one can use bus, electric tram, maxi-taxi and taxi.

Tickets for buses, maxi-taxi and electric trams can be bought from the red-painted booths that are in most stops. You can also buy tickets from the drivers. Tickets should be punched immediately after you get on board. Bus/trolley/tram fare is 2,00 lei (RON) per single ticket. Station – Facultatea de Agronomie (<http://www.rat-craiova.ro/>).

#### **Taxi**

There are many taxi companies in town. They have quite a few types of cars, usually painted in yellow. Price is between 1,35 lei/km and 1,65 lei/km (about 0.35 EUR).

Phone numbers: 0251- 953, 0251-411500; 0251-590002

Business Hours (Shops, Banks, Post Offices)

Most of the shops in Craiova are open between 9:00 and 19:00 hours. During weekends, shops are open on Saturdays, between 9:00 and 14:00 hours. There are some non-stop supermarkets, too.



In general, banks are open from 9.00 to 16.00 hours from Monday to Friday. Post offices open at 7.00 and close at 20.00 hours.

### **CLIMATE**

The Romanian climate is characterized by hot summers and cold winters. In September, there will be fairly hot days (above 25-28°C) and you will want to wear summer clothes.

**Language:** Working language of the meeting is English; translations will not be provided.

**Facilities:** Overhead/slide projectors and PowerPoint projectors will be provided for the presentations. A computer room with internet connection will be open during the Conference.

### **Currency**

The legal tender is the Romanian Leu (RON). You will be able to change your money in hotels. The approximate exchange rate is 1 EUR = 4.6490 Lei.

**Invitation letter/ Certification of attendance:** If you need official invitation to obtain visa to attend the meeting, you must register for the meeting and submit abstract. For security purposes, letters will not be sent to attendees who do not meet these requirements. Invitation letters will not be processed until you have registered and paid for the registration fees. These letters will be provided to help participants raise conference attendance funding and to obtain visas.

All participants and accompanying person should have a valid passport.

A certificate of attendance will be given to the registered participants upon request.

## **SCIENTIFIC PROGRAMME**

### **Abstracts**

At the meeting it is possible to present ORAL CONTRIBUTION (max. duration 15 min), or POSTERS (maximal size: width 80 cm, height 100 cm). The one page abstract of not more than 250 words, should be submitted to the Local Organizers. Please, send the abstract by E-mail (E-mail address: [agronomie\\_cv@yahoo.com](mailto:agronomie_cv@yahoo.com)) and as hard copy on A4 (210x297), with 3 cm margins on either side and with the best possible quality of printing (camera-ready).

It has to contain: Working group N° (on upper side), the title (in capitals), name and surname of author(s), affiliation and full mailing address of authors, and E-mail address if any. The text should be typed using Microsoft word 2007 (or earlier version) in 12 point "Arial" font (as informative as possible) according to the following example:

---

#### **Working group N°1 (oral presentation / poster)**

DISTRIBUTION OF RISK POLLUTANTS IN SOIL FROM THE VICINITY  
OF A PETROCHEMICAL CENTER

Sechman A. (1) and A. Lysak (2)

(1) University of Agriculture, Department of Animal Physiology, Al. Mickiewicza 24/28, Krakow, Poland; e-mail: [rzsechma@cyf-kr.edu.pl](mailto:rzsechma@cyf-kr.edu.pl)

(2) National Research Institute of Animal Production, Balice n. Krakow, Poland; E-mail:

[bature@op.pl](mailto:bature@op.pl)

The text should be typed using Microsoft word 2007 (or earlier version) in 12 point "Arial" font (as informative as possible).

We ask you to send the abstract until the dead line, in order to edit the abstracts volume. Each author is allowed to present a maximum of two papers as first author.

### **PROCEEDINGS**

The Proceedings will be published in a special issue of the „**ANNALES OF THE UNIVERSITY OF CRAIOVA, AGRICULTURE, MONTANOLOGY, CADASTRE SERIES**„- ISSN 1841-8317; ISSN CD-ROM 2066-950X, after the Congress, only for papers from the participants of the Congress, and after comments made by referees.

Starting from 2010 the journal papers it is quoted by National Council of the Scientific Research from The Academically Education in the "B+" category and are indexed by **CABI, Index Copernicus, Ulrich, Google Scholar, Doaj, CiteFactor, Bielefeld Academic Search Engine - <http://anale.agro-craiova.ro/>**. A participant it is allowed to present a maximum of two papers as first author, from which obligatory one paper will be presented on public session or poster sessin.

The dead line for sending the full paper is 15 September 2018 by E-mail (E-mail address: [agronomie\\_cv@yahoo.com](mailto:agronomie_cv@yahoo.com)).

## **PAPERS EDIT INSTRUCTIONS**

Papers will be written in English, with a strong recommendation for an even number of pages: 4 or 6 or 8 or 10, in Template Form in 2 columns (including tables, figures, and references).

Typing: You may use MS Word 2007, MS Word 2010, MS Word 2012.

Page setup: A4 (210 x 297), Margins Top 2 cm, Bottom 2 cm, Right 2 cm, Left 2 cm, Header and Footer 1.5 cm, Gutter 0 cm, Gutter position: Left.

- the papers will obligatory include the next elements: abstract, introduction, materials and methods, research results, conclusions and bibliography;
- title: uppercase, bold, centred in Romanian and English, ARIAL14;
- author: ARIAL 12, bold, italic, right side;
- keywords: ARIAL 10, bold, left side;
- abstract: in English, ARIAL 12, italic, a space side after;
- paper section: uppercase, ARIAL 12, bold, centred;
- paper text: ARIAL 12, justify, 1,25 cm paragraph indent;
- tables: title with small characters, bold, centred, the table number on the right side, ARIAL 12, italic, bold;
- figures, pictures numbered, ARIAL 10, centred
- bibliography: on alphabetic order, ARIAL 12 bold authors, the title of the paper and publishing with ARIAL 12 italic
- no page number included.

## **POSTER PRESENTATION CONDITIONS:**

- Format 90/70 cm on high side;
- Title (Bold, 72), authors (Bold, 36), and institution (Bold, 26)

**SEE YOU IN CRAIOVA IN SEPTEMBER 2018!**



**Contact persons:**

Vice-Dean, Prof. assoc. dr. Mariana NICULESCU, e-mail: [mniculescum@yahoo.com](mailto:mniculescum@yahoo.com)

Junior Lecturer dr. Marius MILUȚ, e-mail: [marius\\_milut@yahoo.com](mailto:marius_milut@yahoo.com)

Junior Lecturer dr. Dragoș MEDELETE, e-mail: [medelete@yahoo.com](mailto:medelete@yahoo.com)

Doc. dr. Zoran PRŽIĆ, e-mail: [zoranata4@yahoo.com](mailto:zoranata4@yahoo.com), +381 11 2 615 315 (loc. 3317)

**E-mail of the Conference:** [agronomie\\_cv@yahoo.com](mailto:agronomie_cv@yahoo.com)

**Conference web site:** <http://www.agro-craiova.ro/>

**Proceedings web site:** <http://anale.agro-craiova.ro/>

**CONTACT- If you have any questions, please contact: Conference Secretary: 19 Libertatii Street, Craiova, 200583, Romania; phone: +40 251 41 84 75**