



**UNIVERSITY OF CRAIOVA
FACULTY OF AGRONOMY**

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



**47th CONFERENCE OF ESNA -EUROPEAN SOCIETY FOR
NEW METHODS IN AGRICULTURAL RESEARCH**

***"AGRICULTURE, CADASTRE, SILVICULTURE,
FOOD-SCIENCE AND TECHNOLOGIES "***

And

14th ANNUAL MEETING

***"DURABLE AGRICULTURE –AGRICULTURE
OF THE FUTURE"***

27st - 29th September 2018, CRAIOVA, ROMANIA

**PARTNERS: ConsAgro Craiova
"OLTENIEI" Museum, Craiova
BAIA DE FIER Townhall**

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.

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

Date and venue

**September 27th – 29th 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, acacia 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

GENERAL PROGRAMME
27th-29th SEPTEMBER 2018, Craiova, ROMANIA
Contact persons:

Date	Event	Location
Thursday 27.IX.2018	Registration (08.30-10.00)	Faculty of Agronomy (19 Libertății street)
	Opening Ceremony (10.00-10.30)	Aula "Alexandru Buia" - Faculty of Agronomy (19 Libertății street)
	Coffee break (10.30-11.00)	
	Plenary Session and...Cultural moment (11.00-13.30)	Aula "Alexandru Buia" - Faculty of Agronomy  A bit of culture "Romanian traditional dances"  Plenary Session-Invited Speakers: <ul style="list-style-type: none"> ➤ Prof. dr. eng. Menković NEBOJŠA UNIVERSITY OF BELGRADE, FACULTY OF AGRICULTURE, SERBIA ➤ Assoc. Prof. Dr. Aysun ŞENER ADANA SCIENCE AND TECHNOLOGY UNIVERSITY, FACULTY OF ENGINEERING, TURKEY ➤ Assist. Prof. Dr. Marcin W. LIS UNIVERSITY OF AGRICULTURE IN KRAKOW, DEPARTMENT OF VETERINARY, ANIMAL REPRODUCTION AND WELFARE, POLAND ➤ Assoc. Prof. Dr. Nesrin ÖRÇEN EGE UNIVERSITY, AGRICULTURAL FACULTY, IZMIR, TURKEY ➤ Prof. dr. eng. Markovic NEBOJŠA, UNIVERSITY OF BELGRADE, FACULTY OF AGRICULTURE, SERBIA
	Lunch (13.30-14.30)	Faculty of Agronomy
	Working Groups Sessions (14.30- 17.00)	Faculty of Agronomy (Aula "Alexandru Buia", L114, L111, L126)
	Coffee break (17.00-17.30)	Faculty of Agronomy
	Poster Session (17.30-18.30)	Faculty of Agronomy
	Gala dinner (19.30-24.00)	
28.IX.2018	Tourist visit (09.00-23.00)	Trip to the North of Oltenia: "Dintr-un lemn" Monastery, "The Women's Cave" (Baia de Fier) Traditional lunch "Viitorul" Restaurant, Baia de Fier
29.IX.2018	Coffee break (09.30-10.00)	Faculty of Agronomy
	Working Group Sessions (10.00- 11.30)	Faculty of Agronomy
	Committee Meeting (10.00-10.30)	(Aula "Alexandru Buia")
	Closing Ceremony (11.30-12.00)	

Vice-Dean, Prof. assoc. dr. Mariana NICULESCU, e-mail: mniculescum@yahoo.com

Junior Lecturer dr. Marius MILUȚ, e-mail: marius_milut@yahoo.com

Junior Lecturer dr. Dragoș MEDELETE, e-mail: medelete@yahoo.com

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

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