

**STUDY ON THE CULINARY AND TECHNOLOGICAL QUALITY APPRECIATION OF  
NEW VARIETIES OF POTATO OBTAINED AT NIRDPSB BRASOV**

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**ABSTRACT**

This study conducted during 2015-2016 at NIRDPSB Brasov, was initiated in need of acquiring information on new potato varieties (Braşovia, Marvis, Sarmis, Castrum, Cosiana) created in the institute and pursued their culinary and technological quality appreciation. The biological material analyzed is represented by potato varieties with

improved genetic characteristics, both in terms of cultural qualities as well as resistance to diseases (viruses, late blight) and pests.

The culinary and technological quality of a potato variety must satisfy the requirements necessary to obtain raw material suitable for the purpose of use. The culinary quality was established by assessing the traits of overall appearance of tubers boiled, taste, crushing boiling, pulp consistency, mealiness, pulp moisture, structure of starch granules, pulp color, tuber after-cooking darkening. The technological quality was determined by measuring the tuber starch content and establishing the suitability for processing into chips.

**Acknowledgement:** This work was supported by a grant of the Romanian National Authority for Scientific Research, CNDI-UEFISCDI, PN-II-PT-PCCA-2013-4-0452, PROJECT NUMBER 178/2014

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**12th ANNUAL MEETING**  
**"DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"**

**17<sup>th</sup>-18<sup>th</sup> November 2016, Craiova – ROMANIA**

The meeting is jointly organized by:  
 Faculty of Agronomy - University of Craiova  
 Faculty of Agriculture – University of Belgrade  
 Agricultural and Forestry Sciences Academy "Gheorghe Ionescu Şişeşti"

**Organizing committees:**

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## GENERAL PROGRAMME

17<sup>th</sup>-18<sup>th</sup> November 2016, Craiova, ROMANIA

Date	Event	Location
<b>Thursday</b> <b>17.XI.2016</b>	<b>Registration (09.00-10.00)</b>	<b>Faculty of Agronomy</b> <b>(19 Libertății street)</b>
	<b>Opening Ceremony</b> <b>(10.00-10.45)</b>	<b>Aula "Alexandru Buia" - Faculty of Agronomy (19 Libertății street)</b>
	<b>Coffee break (10.45-11.15)</b>	
	<b>Plenary Session and...Cultural moment (11.15-13.30)</b>	<b>Aula "Alexandru Buia" - Faculty of Agronomy</b>
		† <b>A bit of culture "November waltzes"</b>
		† <b>Plenary Session-Invited Speakers:</b>
		† Prof. dr. <b>Vlado LIČINA</b> , University of Belgrade, Vice-President of ESNA, <b>Serbia</b> -
		<b>"Potential problems in using an preserved top soil layer for opencast mine rehabilitation"</b>
	† Prof. asst. dr. <b>M. Cuneyt BAGDATLI</b> ,	
	University o Nevsehir Haci Bektas Veli	
	Engineering and Architecture Faculty,	
	Department of Biosystem Engineering,	
	<b>Turkey - "Global Warming in Turkey and</b>	
	<b>The Effect on Agricultural Production"</b>	
	† Prof. Multiple Dr. H. C. <b>Stefano GREGO</b> ,	
	President of ESNA, World Agricultural	
	Heritage Foundation - Chairman of Scientific	
	Committee, Deputy Director of CIRPS, <b>Italy</b> -	
	<b>"Past knowledge for future agriculture"</b>	
<b>Lunch (13.30-14.30)</b>	<b>Faculty of Agronomy</b>	
<b>Working Groups Sessions</b> <b>(14.30-16.30)</b>	<b>Faculty of Agronomy</b> <b>(Aula "Alexandru Buia")</b>	
<b>Coffee break (16.30-17.00)</b>	<b>Faculty of Agronomy</b>	
<b>Poster Session (17.00-18.00)</b>	<b>Faculty of Agronomy</b>	
<b>Gala dinner (19.30-24.00)</b>	<b>Restaurant ARTICUS, 71 Calea Severinul street , Craiova</b>	
<b>Friday</b> <b>18.XI.2016</b>	<b>Tourist visit (9.00-23.00)</b>	<b>Trip to the North of Oltenia:</b> Tismana Monastery - Curtișoara Folk Architecture Museum - "The Women's Cave" (Baia de Fier) <b>Traditional lunch - Polovragi</b>

## **Dear Colleagues,**

*On behalf of the organizing committee it is our pleasure to invite you to participate in the 12-th "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE" Annual Meeting to be held in Craiova, Romania, at the Faculty of Agronomy of the University of Craiova.*

*Craiova, Romania's 6 th 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 - 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 number of students registered in our faculty in the academic year 2015/2016 is 1228.*

*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.*

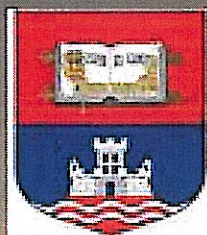
*We hope we will all have a memorable and scientifically stimulating meeting in Craiova and we look forward to meeting you here in November 2016.*

**Welcome to Craiova, Romania!**

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

**Prof. dr. Milica PETROVIĆ,**  
**Dean - Faculty of Agriculture,**  
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**UNIVERSITY OF CRAIOVA - UNIVERSITY OF BELGRADE**

**in collaboration with**

**AGRICULTURAL AND FORESTRY SCIENCES ACADEMY**

**"GHEORGHE IONESCU ȘIȘEȘTI"**



**PROGRAMME  
&  
BOOK OF ABSTRACTS**

**The 12<sup>th</sup> ANNUAL MEETING  
"DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"**

**17<sup>th</sup>-18<sup>th</sup> November 2016, Craiova, Romania**



**The 12<sup>th</sup> ANNUAL MEETING  
"DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"**



**Organisers:**  
**UNIVERSITY OF CRAIOVA - FACULTY OF AGRONOMY  
AND  
UNIVERSITY OF BELGRADE - FACULTY OF AGRICULTURE  
IN COLLABORATION WITH  
AGRICULTURAL AND FORESTRY SCIENCES ACADEMY  
"GHEORGHE IONESCU ȘIȘEȘTI"**

**Particular focus of the conference:**

**"ADVANCED METHODS FOR A SUSTAINABLE  
AGRICULTURE, SILVICULTURE AND FOOD SCIENCE"**

**PARTNERS: MUZEUL OLTENIEI, CRAIOVA  
ConsAgro, Craiova  
PRIMĂRIA BAIA DE FIER**



