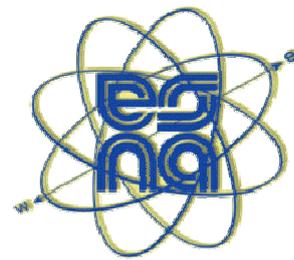




**UNIVERSITY OF CRAIOVA
FACULTY OF AGRONOMY**

**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

THE 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***

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 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 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
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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
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Prof. dr. eng. Markovic NEBOJŠA, Faculty of Agriculture, University of Belgrade, Serbia
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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
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Prof. dr. Oscar VICENTE, Department of Biotechnology, Polytechnic University of Valencia, Spain
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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 NETOIU, 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

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Assoc.Prof. dr. eng. Cristian POPESCU, Faculty of Agronomy, University of Craiova
Assoc. Prof. dr. eng. Emilia CONSTANTINESCU, Faculty of Agronomy, University of Craiova
Assoc. Prof. dr. eng. Petre SĂVESCU, 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 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, 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 **47th CONFERENCE OF ESNA "AGRICULTURE, CADASTRE, SILVICULTURE, FOOD-SCIENCE AND TECHNOLOGIES"** and the **14th 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 20st 2018**

Submission of abstract: **SEPTEMBER 20, 2018**

Submission of full papers (max. 2 papers for first author): **SEPTEMBER 25, 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. With the possibility of publication in the 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	http://www.hoteleuropeca.ro/ Tel: +40 751 224 794 Fax: +40 251 419 586
Hotel PARC	http://www.hotelparc.go.ro Tel.: +40 251 417 257
Hotel RAMADA PLAZA	http://www.ramadaplazacraiova.ro/en Tel. : +40 351 100 200
Mansion LUISA	Tel.: +40 251 411 735 craiova/pensiunea_luisa-c58771.html
Hotel BAVARIA	Tel.: +40 251 414 449 office@hotel-bavaria.ro hotel-bavaria@yahoo.com

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. This letters will be provided to help participants rise 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) 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

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

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 25 September 2018 by E-mail (E-mail address: 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 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)

It will be publish only the essays that have an oral presentation or a poster.

SEE YOU IN CRAIOVA IN SEPTEMBER 2018!



Tourist Objectives in Craiova

- The oldest construction in Craiova which was kept as testimonial is *Coșuna Monastery* - Older Bucovat, but from all the initial ensemble, only the church is preserved today. Even if the stone inscription indicates the following date: 3 of December 1572, an older cartography sustains that the monastery was built 1483. In terms of architectural style, the church was built in mountainous style, characterized by the synthesis of popular autochthon elements and Byzantine elements.



- "*Jitianu*" Monastery, is considered the foundation of Serban Voievod (1654-1658). Churches in Brancovenesc style: Saint Ilie – built in 1720 by the boyar Ilie Oteteliseanu and the higher chapmen of the city (painted by the artist C. Lecca, between 1840-1841, restored in 1893, the actual painting being the one executed by Ghe. Ioanid and Ghe. Tatarescu), Church of all Saints (1700), Old St. Gheorghe Church (1730), Monastery Obedeanu (1747), Church Mantuleasa (1786), Church Saint Nicolae (1794).



- *The Metropolitan Bishopric of Oltenia*, was built by Matei Basarab in 1652. Affected by the earthquake from 1840, the church was closed until 1889, when the restoration work began under the leadership of the architect Andre Lecomte de Nouy which built from the groundwork the actual construction, without complying with the old style.



- *Baniei's Home*, the oldest building which exists today in the city, dating from 1699. Restored by Constantin Brancoveanu, Baniei's Home has two levels, with rooms with bolts of brick, with rooms and thresholds upstairs. Was built by old handed architects of the regnant, in a popular style. Here used to be held Craiova's divan, and in the time of Austrian occupation it was the residence for the prevailfogs. After this the building was successive: for Murtaza Pasa (1737-1739), private home for the bishop, first local school in Craiova (1750), premise for the High Court, local school - Gymnasium Brothers Buzesti (1896-1914) and normal school of mistresses, premise for Oltenia' Museum (1934-1948) and for the ward of ethnography (from 1967).



- "Jean Mihail" Palace (the actual Museum of Art), is located in the sumptuous palace of the former magnate Jean Mihail. Built between 1899-1907, according to the plans of the French Paul Gottereau, the palace represents, stylistically, a rather free interpretation of the late baroque.



- Vorvorenilor's Home – present residence of the Oltenia's Metropolitan – is a palace built after the plans of the architect D. Maimarolu; he presents the late influence of the French Renaissance, characterized by attic roofs, a multitude of ornaments and richly decorated interiors.



- The University - the former Palace of Justice, was designed in 1890 by the architect Ion Socolescu and it is an illustration of the neoclassicism in architecture.



• Another distinct construction is the former Bank of Commerce, now City Hall of Craiova. Designed by the architect Ion Mincu, was finished in 1916 by his student or Constantin Iotzu. The building has a rich decorated interior, with set off ornaments, stained glasses, Venetian mosaic and lattices from cast iron.



• An interesting, vigorous construction with architectural, popular characters is the former Administrative Palace, today headquarters for the Prefecture and the Council of Dolj. Creation of the architect Petre Antonescu this building was realized between 1912-1913.



• After the 1-st World War, on stylistic plan remains the by affirmation of the national elements in art. In Craiova of this period was built so-called White House (on one side of the central garden – English Park – realized in London square style), after the plans of the architect Constantin Iotzu. From the contemporary achievements we have to mention the new edifice of the National Theatre inaugurated in 1973.



• Another attraction point of Craiova is "Nicolae Romanescu" Park, unique in Romania and one of the most interesting achievements of this type from Europe. The project, creation of the French architect E. Redont, received the Gold Medal at the International Exhibition from the Paris, in 1900. The total area of the park consists in over 96 ha of plantation (trees, lawns, shrubs), a stretch of water of 4 ha, a racecourse of over 20 ha, roads, avenues and pathways on a stretch of 35 km. There is also a zoo, where it can be seen especially species of birds, autochthon animals and foreign also.



• "Alexandru Buia" Botanical Garden was arranged by the initiative of Al. Buia, in order to serve as a study base for the students from the faculties of Agronomy and Horticulture as well as recreation area. The garden has an area of 17 ha and is bordered on distinct sectors: ornamental (about 4.5 ha), systematically, the globe's flora, economically.



• The "Marin Sorescu" National Theatre occupies a special place in the history of the Romanian theatre. Founded in 1850 by Costache Caragiale and Costache Mihailescu, it continued to function, in spite of all the convulsions characterizing the history of our nation.



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