

# **PROGRAM OF EVENTS**

**19 – 27 October 2017**



**INTERNATIONAL SCIENTIFIC CONGRESS**

**LIFE SCIENCES,**

**A CHALLENGE TO THE FUTURE**

19 - 20 October 2017

## **SCIENTIFIC COMMITTEE**

### **AGRICULTURE AND FOOD ENGINEERING**

- PhD, Prof. Wolfgang FRIEDT - Justus-Liebig-Universität Giessen, Germany
- PhD, Prof. Vasile VÎNTU - USAMV Iași, Romania
- PhD, Prof. Gerard JITĂREANU - USAMV Iași, Romania
- PhD, Prof. Christos TSADILAS - National Agricultural Research Foundation, Institute of Soil Mapping and Classification Larissa, Greece
- PhD, Prof. Costel SAMUIL - USAMV Iași, Romania
- PhD, Prof. Ioan ȚENU - USAMV Iași, Romania
- PhD, Prof. Karoly BODNAR - University of Szeged, Hungary
- PhD, Prof. Vito Nicola SAVINO - University of Bari, Italy
- PhD, Prof. Mike RUSSELL - Purdue University, Indiana, USA
- PhD, Prof. Jan MOUDRY Jr. - University of South Bohemia in České Budějovice, Faculty of Agriculture, Czech Republic
- PhD, Prof. Petr KONVALINA - University of South Bohemia in České Budějovice, Faculty of Agriculture, Czech Republic
- PhD, Prof. Gheorghe CIMPOIEȘ - State Agrarian University of Moldova, the Republic of Moldova
- PhD, Prof. Boris BOINCEAN - Universitatea Alecu RUSSO Bălți, the Republic of Moldova
- PhD, Prof. Andrei BALINSKY - Universitatea Alecu RUSSO Bălți, The Republic of Moldova
- PhD, Prof. Adriano CIANI, Perugia University, Italy
- PhD, Prof. Carmen del CAMPILLO GARCIA - University of Cordoba, Spain
- PhD, Prof. Diego BEGALLI – University of Verona, Italy
- Dr. Virginijus FEIZA - Lithuanian Institute of Agriculture, Lithuania

## **SCIENTIFIC COMMITTEE**

### **HORTICULTURE AND ENVIRONMENTAL ENGINEERING**

- Acad. Gheorghe CIMPOIEȘ - UASM Chișinău, The Republic of Moldova
- PhD, Prof. Lucia DRAGHIA - USAMV Iași, Romania
- PhD, Prof. Ibrahim BAKTIR - Akdeniz University, Turkey
- PhD, Prof. Valerian BALAN - UASM Chișinău, The Republic of Moldova
- PhD, Prof. Monica Teresa BOȘCAIU NEAGU - Polytechnic University of Valencia, Spain
- PhD, Prof. Carlos CARBONELL CARRERA – University of Laguna, Spain

- PhD, Prof. Monika CHRISTMANN - Forschungsanstalt Geisenheim University, Germany
- PhD, Prof. Valeriu V. COTEA - USAMV Iași, Romania
- PhD, Prof. Carmelo DAZZI - University of Palermo, Italy
- PhD, Prof. Athanasios ECONOMOU - Aristotle University of Thessaloniki, Greece
- PhD, Prof. Gheorghe GLĂMAN - ASAS, Bucharest, Romania
- PhD, Prof. Stefano GREGO - University of Tuscia, Viterbo, Italy
- PhD, Prof. Gonca GÜNVER DALKILIÇ - Adnan Menderes University, Turkey
- PhD, Prof. Neculai MUNTEANU - USAMV Iași, Romania
- PhD, Prof. Vicente SOTÉS RUIZ - Polytechnic University of Madrid, ETSIA, Spain
- PhD, Assoc. Prof. Zeynel DALKILIÇ - Adnan Menderes University, Turkey
- PhD, Assoc. Prof. Gheorghe NICOLAESCU - UASM Chișinău, the Republic of Moldova
- Dr. Hervé QUÉNOL - CNRS - University of Haute Bretagne, France
- C.S. I dr. arh. Mariana ȘLAPAC - Institute of Cultural Heritage of the Academy of Sciences of Moldova, the Republic of Moldova

## **SCIENTIFIC COMMITTEE**

### **ANIMAL SCIENCE AND EXPLOITATION OF ANIMAL PRODUCTION**

- Dr. PhD, Prof. Ottó SZENCI, University of Veterinary Medicine, Budapest, Hungary
- PhD, Prof. Paul-Corneliu BOIȘTEANU - USAMV Iași, Romania
- PhD, Prof. Constantin PASCAL - USAMV Iași, Romania
- PhD, Prof. dr. H.C. Liviu Al. MĂRGHITAȘ - USAMV Cluj-Napoca, Romania
- PhD, Prof. Mark RUSSELL - College of Agriculture, Purdue University, Indiana, USA
- PhD, Prof. Sándor KUKOVICS - Research Institute for Animal Breeding and Nutrition, Herceghalom, Hungary
- PhD, Prof. Mohamed A. KENAWI - Minia University, Egypt
- PhD, Prof. Françoise PICARD – University of Angers, France
- Dr. H.C. Yves NYS - L'institut National de la Recherche Agronomique France
- C.S. I. dr. Ing. Răducu RADU - ICDCOC Palas-Constanța, Romania
- PhD, Prof. Ioan VACARU-OPRIȘ - USAMV Iași, Romania
- PhD, Prof. Ioan GÎLCĂ - USAMV Iași, Romania

## **SCIENTIFIC COMMITTEE**

### **VETERINARY MEDICINE**

- Acad. Ion TODERAȘ - Zoology Institute, Chișinău, The Republic of Moldova
- PhD, Prof. Liviu-Dan MIRON - USAMV Iași
- PhD, Prof. Gheorghe SAVUȚA - USAMV Iași
- PhD, Prof. Gheorghe SOLCAN - USAMV Iași
- PhD, Prof. Abdelfatah NOUR - Purdue University, SUA
- PhD, Prof. Francois CRESPEAU - ENV Alfort, France
- PhD, Prof. Marc ELOIT - Institute Pasteur, Paris - France
- PhD, Prof. Mihai MAREȘ - USAMV Iași
- PhD, Prof. Elena VELESCU - USAMV Iași
- PhD, Prof. Gheorghe DRUGOCIU - USAMV Iași
- PhD, Assoc. Prof. Dorina CARTER - University of Liverpool, UK
- PhD, Assoc. Prof. Valentin NĂSTASĂ - USAMV Iași

## **ORGANIZING COMMITTEE**

- PhD, Prof. Vasile VÎNTU, Rector
- PhD, Prof. Gerard JITĂREANU, Senate President
- PhD, Prof. Liviu-Dan MIRON, Vice-rector responsible with the scientific research activity, innovation, technological development and international relations
- PhD, Prof. Benone PĂȘĂRIN, Vice-rector responsible with the didactic activity
- PhD, Prof. Teodor ROBU, Vice-rector responsible with the institutional development, patrimony and relations with the business community
- PhD, Assoc. Prof. Vasile STOLERU, Vice-rector responsible with the social activities, students' activities and relations with alumni
- Ing. Adrian Doru NEAGU, general director of administration
- PhD, Prof. Radu ROȘCA, Director of The Department of Research, Innovation and Technological Transfer (DCITT)
- Biolog. Dr. Ancuța LUPU, DCITT

### **AGRICULTURE AND FOOD ENGINEERING**

- PhD, Prof. Costel SAMUIL, Dean
- PhD, Prof. Culiță SÎRBU, Vice-Dean
- Șef lucr. Dr. Florin Daniel LIPȘA, Vice-Dean
- PhD, Prof. Costică AILINCĂI, Director of Department

- PhD, Prof. Eugen ULEA, Director of Department
- PhD, Prof. Stejărel BREZULEANU, Director of Department

#### **HORTICULTURE AND ENVIRONMENTAL ENGINEERING**

- PhD, Prof. Lucia DRAGHIA, Dean
- PhD, Prof. Liliana ROTARU, Vice-Dean
- PhD, Assoc. Prof. Elena Liliana CHELARIU, Vice-Dean
- PhD, Prof. Lucia Carmen TRINCĂ, Director of Department
- PhD, Prof. Mihai TĂLMACIU, Director of Department

#### **ANIMAL SCIENCE AND EXPLOITATION OF ANIMAL PRODUCTION**

- PhD, Prof. Paul-Corneliu BOIȘTEANU, Dean
- PhD, Prof. Constantin PASCAL, Vice-Dean
- Șef lucr. Dr. Mihaela IVANCIA, Vice-Dean
- PhD, Prof. Marius Giorgi USTUROI, Director of Department
- Șef lucr. Dr. Daniel SIMEANU, Director of Department

#### **VETERINARY MEDICINE**

- PhD, Prof. Gheorghe SAVUȚA, Dean
- PhD, Prof. Gheorghe SOLCAN, Vice-Dean
- PhD, Prof. Mihai MAREȘ, Vice-Dean
- PhD, Prof. Dan DRUGOCIU, Director of Department
- PhD, Assoc. Prof. Viorel-Cezar FLORIȘTEAN, Director of Department
- PhD, Assoc. Prof. Geta PAVEL, Director of Department
- PhD, Prof. Vasile VULPE
- Asist. Dr. Mariana GRECU

#### **EDITORIAL COMMITTEE**

The editorial committee is provided by: the Faculty of Agriculture, the Faculty of Horticulture, the Faculty of Animal Sciences and the Faculty of Veterinary Medicine. The scientific works selected by the scientific committee and edited, preferably, in an international language, will be published, according to the domain they cover, in the following journals, indexed BDI (CAB International, Copernicus International, Genamics Journal Seek, SCIRIUS, DOAJ, AGRIS):

- "Scientific Works. Agronomy Series" (ISSN 1454-7414),
- "Scientific Works. Horticulture Series" (ISSN 1454-7376),
- "Scientific Works. Animal Sciences Series" (ISSN 1454-7368),
- "Scientific Works. Veterinary Medicine Series (ISSN 1454-7406).

## **WEDNESDAY, 18TH OCTOBER 2017**

18:00 - 20:30 Welcoming Cocktail for the guests  
Restaurant-Cafeteria „Târgușor Copou”

## **THURSDAY, 19TH OCTOBER 2017**

07:30 - 08:30 Breakfast,  
Restaurant-Cafeteria „Târgușor Copou”

AGRICULTURAL PRODUCTS FAIR  
U.S.A.M.V. Iași Campus

08:30 - 10:00 Participants and guests registration  
„Haralamb Vasiliu” Great Hall

10:00 - 10:15 The quartet of “George Enescu”  
University of Arts of Iași  
Conductor: PhD, Assoc. Prof. Sebastian VÎRTOSU  
Composed of:

- Cosmin SIPOȘ (first violinist),
- Alina OLARU (second violinist),
- Maria ȘTEFANCU (viola),
- Dalia FARCAȘ (cello)

They will be interpreting:

- *A little serenade*, W. A. Mozart,
- *Oblivion*, Astor Piazzola,
- *Blue Tango*, Leroy Anderson,
- *Por Una Cabeza*, Astor Piazzola

10:15 - 10:25 **OPENING CEREMONY:**  
PhD, Prof. Vasile VÎNTU – Rector

10:25 - 12:25 **Plenary sessions:**

10:25 - 10:55

*Is gene expression based prediction of maize hybrid performance superior to DNA marker based*

*prediction?*

PhD, Prof. Matthias FRISCH  
(Justus Liebig University, Giessen, Germany)

10:55 - 11:25

*Microorganisms, challenge about future agriculture - New Tools For Crop Improvement*

Vincenzo Michele SELLITTO  
(Microspore Ltd, Larino, Termoli, Italy)

11:25 - 11:55

*Importance of monitoring calving to decrease stillbirth rate in Holstein-Friesian dairy farms*

PhD, Prof. Ottó SZENCI  
(University of Veterinary Medicine of Budapest, Hungary)

11:55 - 12:25

*Illumina & Bio-Rad Single-Cell Sequencing Solution*  
Ayca ULGEN (Bio-Rad Laboratories, Dubai)

12:25- 14:00

Lunch break  
Restaurant-Cafeteria „Târgușor Copou”

14:00

### **INTERNATIONAL CONFERENCE**

*The red mark syndrome, an emerging skin disease in rainbow trout*

Presenter: Marco GALEOTTI, Italy  
Faculty of Animal Sciences (Amphitheater E28)

14:00 - 18:30

Presentation of scientific works, by section, within each Faculty:

- Faculty of Agriculture:  
Forage crops Laboratory, Amphitheatres A3, A5, A4;
- Faculty of Horticulture:  
Ornamental Arboriculture Laboratory, Vegetable Growing Laboratory, Floriculture Laboratory, A6 Amphitheater;



- Faculty of Animal Sciences:  
Amphitheater E28, Bovine Laboratory, Poultry Laboratory, Aquaculture Laboratory, Animal Nutrition Laboratory;
- Faculty of Veterinary Medicine:  
Pharmacology Laboratory, Physiology Laboratory, A1MV Amphitheater.

- 18:00            **WORKSHOP**  
*Salmon farming and agritourism*  
Faculty of Animal Sciences  
(Aquaculture Laboratory)
- 18:00            **WORKSHOP**  
*Modern applied technologies in animal breeding*  
Faculty of Animal Sciences (Bovine Laboratory)
- 18:30 - 19:15    **PAINTING VERNISSAGE Constantin TOFAN**  
The Marble Hall of the Faculty of Veterinary Medicine  
Curator: Carmen TIȚĂ  
Art Critic: Maria BILAȘEVSCI
- 19:15            Coach transport to “La Castel” Restaurant
- 19:30            **OFFICIAL GALA DINNER**  
“La Castel” Restaurant

## **FRIDAY, 20TH OCTOBER 2017**

- 07:30 - 08:30    Breakfast  
Restaurant-Cafeteria „Târgușor Copou”
- 09:00 - 10:15    Poster presentation within all Faculties
- 09:00 - 13:00    **JOB FAIR** (FDI project 0477/2017), The Marble Hall  
of the Faculty of Veterinary Medicine

10:00 - 12:30

## **WORKSHOPS**

### **WORKSHOP**

*Current issues in the Romanian agriculture*

Faculty of Agriculture

(A1 Amphitheater, 1st floor)

### **WORKSHOP**

*Limiting factors of soil fertility from greenhouses and orchards*

Faculty of Agriculture

(A3 Amphitheater, 2nd floor)

### **INTERNATIONAL CONFERENCE**

*Importance of monitoring calving to decrease stillbirth rate in Holstein-Friesian dairy farms*

Presenter: Ottó SZENCI (Hungary)

Faculty of Animal Sciences

(E28 Amphitheater)

### **AGRICULTURAL PRODUCTS FAIR**

USAMV Iași Campus

### **WORKSHOP**

*Using microorganisms in sustainable agriculture.*

*Research Center for Sustainable Agriculture*

Faculty of Horticulture

(Vegetable Growing Laboratory, 2nd floor)

### **PLANT ARRANGEMENTS EXHIBITION**

Faculty of Horticulture

(Foyer of "Haralamb Vasiliu" Great Hall)

### **WORKSHOP**

*Parasitic Zoonoses*

ZOE Project, 2016-1-RO01-KA203-024732

Faculty of Veterinary Medicine

(Parasitology Laboratory)

### **WORKSHOP**

*Veterinary epidemiology and One Health*

Faculty of Veterinary Medicine  
(Epidemiology Laboratory)

**WORKSHOP**

*Bio-medical applications  
of non-thermal plasma*

Faculty of Veterinary Medicine  
(A1 Amphitheater)

**PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary  
Medicine

- 10:15 - 12:30 Presentation of scientific works, by section, within the Faculties of Agriculture, Horticulture, Animal Sciences and Veterinary Medicine
- 12:30 - 14:00 Lunch break
- 14:00 - 17:00 Presentation of scientific works, by section, within the Faculties of Agriculture, Horticulture, Animal Sciences and Veterinary Medicine
- 15:00 - 16:00 **FLORAL ART DEMONSTRATION**  
Andreea STÖR and FloristiqArt in collaboration with the Faculty of Horticulture  
("Haralamb Vasiliu" Great Hall)
- 17:00 - 18:00 Conclusions. Closing session of the Congress

**SATURDAY, 21ST OCTOBER 2017**

- 10:00-19:00 **FLORAL ART EXHIBITION**  
Faculty of Horticulture  
Municipal Museum, Burchi House, Iași
- AGRICULTURAL PRODUCTS FAIR**  
USAMV Iași Campus

## **PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary  
Medicine

## **SUNDAY, 22ND OCTOBER 2017**

### **AGRICULTURAL PRODUCTS FAIR**

USAMV Iași Campus

### **PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary Medicine

## **MONDAY, 23RD OCTOBER 2017**

10:00

### **LECTURE AND DISCUSSIONS**

*Medicinal plants and their use*

Guest: PhD, Prof. Constantin MILICĂ

Faculty of Agriculture

(A1 Amphitheater)

10:00

### **INTERNATIONAL CONFERENCE**

*Food safety and methods for preservation*

Presenter: M.A. KENAWY, Egipt

Faculty of Animal Sciences

(Aquaculture Laboratory)

### **OPEN DAYS**

Faculty of Animal Sciences

### **OPEN DAYS**

Faculty of Horticulture

### **PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary  
Medicine

## **TUESDAY, 24TH OCTOBER 2017**

### **OPEN DAYS**

Faculty of Horticulture

### **PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary Medicine

## **WEDNESDAY, 25TH OCTOBER 2017**

12:00

### **CELEBRATION OF SENIOR PROFESSORS**

Faculty of Agriculture  
(A1 Amphitheater)

15:00

### **WORKSHOP**

*Preserving biodiversity in mountainous areas;  
Salmon farming and agriturism.*

Faculty of Animal Sciences  
(Aquaculture Laboratory)

### **PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary  
Medicine

### **OPEN DAYS**

Faculty of Horticulture

## **THURSDAY, 26TH OCTOBER 2017**

### **OPEN DAYS**

Faculty of Horticulture

### **PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary Medicine

## **FRIDAY, 27TH OCTOBER 2017**

10:00 - 12:00

### **OPEN DAYS**

Faculty of Horticulture

### **PAINTING EXHIBITION**

The Marble Hall of the Faculty of Veterinary  
Medicine

### **WORKSHOP**

*Urban and territorial regeneration*

The Horticulture Research Center, Faculty of  
Horticulture

(Floriculture Laboratory, 2nd floor)