



БАЛКАНСКИ НАУЧНИ ЦЕНТАР
РУСКЕ АКАДЕМИЈЕ ПРИРОДНИХ НАУКА
Балканский научный центр Российской академии естественных наук
The Balkans Scientific Center of the Russian Academy of Natural Sciences

Обилићев венац 18, 11000 Београд
Обиличев Венац 18, 11000 Белград, Србија - Obilicev venac 18, 11000 Belgrade, Serbia

1st International Symposium:

Modern Trends in Agricultural Production and Environmental Protection

PROGRAMME

Tivat-Montenegro

July 02-05. 2019

The Balkans Scientific Center of the Russian Academy of Natural Sciences

Faculty of Agriculture, Lesak

Faculty of Agriculture Cacak

Institute for Animal Husbandry, Belgrade, Zemun

Fruit Research Institute, Cacak

Faculty of Agriculture, East Sarajevo

Soil Science Institute, Belgrade

Faculty of Management, Sremski Karlovci

Pedagogical Club, Tivat

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Prof. dr Atanaska Taneva, Faculty of Forestry, Sofia, Bulgaria

Prof. dr Nikola Pacinovski, Cyril and Methodius university faculty of agriculture, Skopje, Macedonia

Prof. dr Goce Cilev, Kliment Ohridski University Veterinary Faculty, Bitola, Macedonia

Symposium Programme

Tuesday 2nd July 2019

12,00 Registration

12,30 – 13,00 OPENING CEREMONY

13,00 – 13,30 Coffee break

13,30 – 14,00

THE INFLUENCE OF ANTHROPOGENIC ACTIVITY ON DIVERSITY OF AMPHIPODA (CRUSTACEA) IN MONTENEGRO

Gordan S. Karaman

14,00 - 14,30

IS THE MICROBIAL COMMUNITY MANAGEMENT IN ECOSYSTEMS WITH A CYCLE OF THE MICROORGANISMS THE PROTECTING OF THE ENVIRONMENT?

A.M. Semenov, D.A. Đukić, I.L. Khvatov

14,30-15,00

MICROBIOLOGICAL ASPECTS OF TECHNICAL DAMAGE OF THE LAND

Dragutin Đukić, Leka Mandić, Mitar Lutovac, Slavica Vesković, Vesna Đurović

15,00-15,30

PARAMISTOMIDAE SPECIES IN SMALL RIMINSNTS IN SERBIA

Ivan Pavlović, Snežana Ivanović, Milan P.Petrović, Violeta Caro-Petrović, Jovan Bojkovski, Bisa Radović, Valentina Milanović

15,30 -16,00

EVALUATION METABOLIC STATUS IN HOLSTEIN HERD IN CENTRAL SERBIA DURING TRANSITION PERIOD AND FULL LACTATION

Radojica Djokovic, Marko Cincovic, Zoran Ilic, Vladimir Kurcubic, Milos Z. Petrovic, Biljana Andjelic

Wednesday 3rd July 2019

Environmental Protection

10,00 – 10,15

INFLUENCE OF “NO-TILL” TECHNOLOGY ON THE NUMBER AND TAXONOMIC COMPOSITION OF MICROSCOPIC MUSHROOMS IN AGRO-BLACK SOILS

Никитин Д.А., Семенов М.В., Тхакахова А.К., Чернов Т.И., Ксенофонтова Н.А., Железова А.Д., Иванова Е.А., Кутовая О.В.

10,15 - 10,30

INNOVATIVE INFORMATION TECHNOLOGY IN AGRICULTURE.

Толмачев Сергей Юрьевич

10,30 - 10,45

SANITARY-HYGIENE AND EPIDEMIOLOGICAL STATUS OF LAND

Ivana Bošković, Dragutin Đukić, Leka Mandić, Mitar Lutovac, Slavica Vesković, Aleksandar Semenov, Aleksandra Stanojković-Sebić, Vesna Đurović,

10,45 - 11,00

IS MANAGEMENT OF MICROBIAL COMMUNITIES IN ECOSYSTEMS WITH THE CYCLE OF MICROORGANISMS PROTECTING THE ENVIRONMENT?

А.М. Семенов, Д.А. Дукич, И.Л. Хватов

11,00 - 11,15

LEVEL OF LEAD (Pb) IN WATER, SEDIMENT WITH SELECTED FISH SPECIES AT FIVE LOCALITIES, BOTH AT AND NEAR PORT MILENA, ULCINJ, MONTENEGRO

Maja Soc; Marijana Krivokapic

11,15 - 11,30

HETEROTROPHIC PLATE COUNT AND ENZYME ACTIVITY IN MONITORING OF MICROBIOLOGICAL QUALITY OF GROUNDWATER

Slavica S. Ćirić, Olga P. Petrović, Zoran Ž. Ilić, Zvonko Lj. Spasić, Božidar N. Milošević

11,30 - 11,45

***ESCHERICHIA COLI* AND *SALMONELLA SPP.* IN GRUZA RESERVOIR LAKE (SERBIA) PROTECTION ZONE: A DANGER FOR DRINKING WATER SAFETY**

Milinkovic Mira, Jovičić Petrović Jelena, Paunovic M. Svetlana, Lalevic Blažo, Kljujev Igor, Raičević Vera

11,45 - 12,00

SPECIFICITY IN THE RELATIONSHIP BETWEEN CELLULOLYTIC BACTERIA AND AZOTOBACTER

NAJDENOVSKA Olga, ĐUKIĆ Dragutin, MANDIĆ Leka, STOJKOVIĆ Jasmina, STANOJKOVIĆ-SEBIĆ Aleksandra, ĐUROVIĆ Vesna, PEŠAKOVIĆ Marijana

12,00 – 12,30 **Coffee break**

13,00 -13,15

THE SENSITIVITY OF *XANTHOMONAS CAMPESTRIS* PV. *CAMPESTRIS* AGAINST BACTERIOPHAGES ISOLATED FROM SOIL

Slobodan Vlajić, Renata Iličić, Stevan Maširević, Jelica Gvozdanović - Varga, Dragutin Đukić, Dušanka Bugarski, Vesna Đurović

13,15 - 13,30

BIOREMEDIATION AND ENVIRONMENTAL

Sonja Ketin

13,30 - 13,45

THE NEED FOR CHANGING THE OPERATING RULES OF THE EXISTING HYDRO SYSTEMS IN THE AREA OF WATER SUPPLY AND DRAINAGE OF URBAN WASTE WATER

Stojan Srbinoski, Mitar Lutovac

13,45 - 14,00

ANTIBACTERIAL ACTIVITIES OF ESSENTIAL OILS OF WILD OREGANO, CLOVE BUD, ROSEMARY, PEPPERMINT, BASIL AND LEMONGRASS AGAINST GROWTH OF SOFT ROT BACTERIA

Tatjana Popović, Zoran Milićević, Renata Iličić, Sanja Marković, Violeta Oro, Aleksandra Jelušić, Slobodan Krnjajić

14,00 - 14,15

UTILIZATION OF MISCANTHUS WASTE BIOMASS FOR XYLANASE PRODUCTION BY SOIL BACTERIUM *SINORHIZOBIUM MELILOTI*

Aneta V. Buntić, Olivera S. Stajković-Srbinović, Marija D. Milić, Tijana B. Dubljanin, Djordje Ž. Kuzmanović, Magdalena M. Knežević, Dušica I. Delić

14,15 - 14,30

ANTAGONISTIC EFFECT OF SOIL-BORNE *BACILLUS* ISOLATES AGAINST *FUSARIUM* INFECTION AND INDUCTION OF WHEAT SEED GERMINATION

Magdalena M. Knežević, Aneta V. Buntić, Olivera S. Stajković-Srbinović, Katarina R. Mihajlovski, Nataša I. Rasulić, Slaviša S. Stanković, Dušica I. Delić

14,30 - 14,45

EFFICACY OF INDIGENOUS PSEUDOMONAS CHLORORAPHIS STRAINS IN PROMOTING YIELD AND MAIN CHEMICAL GROWTH PARAMETERS OF LETTUCE

Aleksandra Stanojković-Sebić, Radmila Pivić, Zoran Dinić, Dragana Jošić

Thursday 4th July 2019

Plant production

10,00 – 10,15

SELECTIVITY AND STABILITY OF HERBICIDES AND HERBICIDE COMBINATIONS BASED ON GRAIN YIELD FROM SORGHUM (*SORGHUM BICOLOR* MOENCH.)

Grozi Delchev

10,15 - 10,30

EFFECT OF PGPR TREATMENTS ON SOYBEAN [*GLYCINE MAX* (L.) MERR.] GROWTH AND YIELD UNDER DROUGHT STRESS

Renata Ilić¹, Dragana Latković¹, Slobodan Vlajić², Tatjana Popović³, Dragana Jošić^{4*}

10,30 - 10,45

THE INFLUENCE OF THE ACIDIC SOIL TREATMENT SYSTEM ON SOME MORPHOLOGICAL AND PRODUCTIVE PROPERTIES OF CORN HYBRID

Milan Biberdžić¹, Dragana Lalević¹, Saša Barać¹, Zoran Jovović², Vera Đekić³

10,45 - 11,00

EFFECTS OF ONION WATER EXTRACTS ON SOME CROPS SEED GERMINATION AND SEEDLING LENGTH

Bojan Konstantinović, Senka Vidović, Milena Popov, Nataša Samardžić, Stranjiha Šabović

11,00 - 11,15

RATE AND DURATION OF GRAIN FILLING IN SIX-ROWED WINTER BARLEY

Novo Pržulj

11,15 - 11,30

IMPACT OF FERTILIZATION ON GRAIN YIELD IN BARLEY PLANT GROWN ON SOIL TYPE VERTISOL

Vera Đekić, Milan Biberdžić, Vesna Perišić, Milomirka Madić, Dragan Grčak, Vladimir Perišić, Milosav Grčak

11,30 - 11,45

SELECTIVITY AND STABILITY OF HERBICIDES AND HERBICIDE COMBINATIONS BASED ON GRAIN YIELD FROM WINTER OILSEED CANOLA (*BRASSICA NAPUS* L.)

Grozi Delchev

11,45 -12,00

THE REGRESSION AND CORRELATION AMONG PH AND READILY AVAILABLE POTASSIUM IN THE SOIL

Dragan M. Grčak, Milosav Grčak, Dragana T. Grčak, Nebojša Gudžić, Miroljub Aksić, Vera Đekić, Slaviša Gudžić, Nemanja Babić

12,00 - 12,15

PRIMARY METABOLITES IN FRUIT OF CURRANTS FROM WESTERN SERBIA

Jelena TOMIĆ, Svetlana M. PAUNOVIĆ, Žaklina KARAKLAJIĆ-STAJIĆ, Marijana PEŠAKOVIĆ, Franc ŠTAMPAR, Jerneja JAKOPIČ

12,15 - 12,30

EVALUATION OF PRODUCTIVE TRAITS OF NEWLY INTRODUCED PLUM CULTIVARS IN THE WESTERN SERBIA CONDITIONS

Nebojša MILOŠEVIĆ, Ivana GLIŠIĆ, Milena ĐORĐEVIĆ, Milan LUKIĆ, Sanja RADIČEVIĆ, Slađana MARIĆ

12,30 - 13,00 **Coffee break**

Zootechnics

13,00 - 13,15

ANTIVIRAL ACTIVITY IN VITRO OF FIVE SELECTED INDIGENOUS PLANTS AGAINST BOVINE HERPES VIRUS-1 (BHV-1) AND BOVINE VIRAL DIARRHOEA VIRUS (BVDV)

Vladimir Kurćubić, Pavle Mašković, Tamaš Petrović, Sava Lazić, Dragutin Đukić, Zoran Ilić, Radojica Đoković, Miloš Petrović

13,15 - 13,30

FUNCTION AND IMPORTANCE OF HSP 70 IN METABOLIC STRESS IN DAIRY COWS IN PERIPARTAL PERIOD

Miloš Ži. Petrović, Radojica Đoković, Zoran Ž. Ilić, Vladimir Kurćubić, Marko Cincović, Snežana Bogosavljević-Bošković, Nedeljko Karabasil, Milun D. Petrović

13,30 - 13,45

ECOLOGICAL ACCESS IN FEEDING OF DOMESTIC ANIMALS

Zoran Ilic, Slavica Ciric, Milan P. Petrovic, Violeta Caro Petrovic, Dragutin Djukic, Radojica Djokovic, Vladimir Kurcubic

13,45 - 14,00

ORGANIC SHEEP FARMING AS A FACTOR OF ECOLOGY AND BIODIVERSITY CONSERVATION

Milan P. Petrovic, Zoran Z. Ilic, Violeta Caro Petrovic, Dragana Ruzic Muslic, Nevena Maksimovic, Ivan Pavlovic, Bogdan Cekic

14,00 - 14,15

VARIABILITY OF CALCIUM AND PHOSPHORUS IN THE BLOOD SERUM OF SHEEP

Jovan Stojkovic, Zoran Ilic, Bozidar Milošević, Boban Jasovic

14,15 - 14,30

PROPHYLAXIS OF IMMUNODEFICIENCY OF THE PIGLETS WITH ORGANIC IMMUNOSTIMULATORS

Miroslav Lalović, Slavica Vesković, Miloš Ži. Petrović, Dragutin Đukić

Friday, July 5th

10,00 Sightseeing tour

18,00 Dinner Party