TRAKIA UNIVERSITY FACULTY OF AGRICULTURE

ULUDAĞ UNIVERSITY FACULTY OF AGRICULTURE

PROGRAMME

International Conference on Agricultural Science and Business

ICASAB 2018

Stara Zagora
10-12 May 2018

International Conference on Agricultural Science and Business - ICASAB 2018

ОРГАНИЗАЦИОНЕН КОМИТЕТ

ORGANIZING COMMITTEE

Председатели / *Chairmen:*

Доц. д-р Димитър Панайотов – Декан на АФ
Assoc. Prof. Dimitar Panayotov, PhD – Dean of Faculty of Agriculture
Prof. Uğur Bilgili, PhD - Dean of Faculty of Agriculture

Зам. Председатели / *Vice Chairmen*:

Проф. д-р Светлана Георгиева – Зам.- декан НИМД
Prof. Svetlana Georgieva, PhD – Vice Dean of Faculty of Agriculture
Prof. Ibrahim AK, PhD - Vice Dean of Faculty of Agriculture

Координатори / *Coordinators:*
Проф. д-р Веселин Радев – Зам.- декан / **Prof. Veselin Radev, PhD – Vice Dean**
Доц. д-р Нели Грозева – Зам.- декан / **Assoc. Prof. Neli Grozeva, PhD – Vice Dean**
Проф. дсн Радослав Славов / **Prof. Radoslav Slavov, DSc**
Проф. дсн Гюрга Михайлова / **Prof. Giurga Mihaylova, DSc**
Проф. дсн Стефан Денев / **Prof. Stefan Denev, DSc**
Проф. д-р Йордан Стайков / **Prof. Yordan Staikov, PhD**
Проф. д-р Валентин Кацаров / **Prof. Valentin Katsarov, PhD**
Проф. д-р Иван Върляков / **Prof. Ivan Varliakov, PhD**
Доц. д-р Ценка Желязкова / **Assoc. Prof. Tsenka Zhelyazkova, PhD**
Доц. д-р Рашко Георгиев / **Assoc. Prof. Rashko Georgiev, PhD**
Assoc. prof. Nazmi Izli, PhD – Vice Dean
Prof. Serkan Gürlük, PhD – Vice dean
Prof. İlhan Turgut, PhD
Prof. Orkun Barış Kovancı, PhD
Prof. Haluk Başar, PhD
Prof. Ö.Utku Çopur, PhD
Prof. Hasan Vural, PhD
Prof. Murat Zencirkıran, PhD
Assoc. Prof. Asuman Cansev, PhD
Assoc. Prof. Esra Erdoğan Çiftçi, PhD
Assist. Prof. Ekin Sucu, PhD
Секретар – доц. д-р Деян Георгиев / **Secretary: Assoc. Prof. Deyan Georgiev, PhD**

ПРОГРАМА 10 Май 2018
PROGRAMME 10 May 2018

09.^{00}-10.^{15} ч/h - Регистрация - Хотел „Калиста“ (Старозагорски минерални бани)
Registration – Hotel Calista (Starozagrski mineralni bani)
10.^{15}-11.^{00} ч/h - Откриване на конференцията - Зала № 1 „Калиста“
Opening of the conference – Hall 1 „Calista“
11.^{00}-11.^{50} ч/h - Пленарени доклади – Зала № 1 „Калиста“
Plenary session – Hall 1 „Calista“

ASSOC. PROF. D. PANAYOTOV, PHD - STATUS AND PERSPECTIVES FOR DEVELOPMENT OF THE AGRICULTURAL PRODUCTION IN REPUBLIC BULGARIA

PROF. UĞUR BILGILI, PHD – GENERAL STATUS OF AGRICULTURE IN TURKEY

11.^{50}-12.^{00} ч/h –Дискусия
Discussion
12.^{00}-13.^{30} ч/h – Обяд
Lunch
13.^{30}-16.^{00} ч/h – Заседания по секции
Open sessions by sections
Animal Science
Crop Science
Ecology, Environment, Food quality
Agricultural techniques and Technologies
Students and PhD students
16.^{00}-16.^{30} ч/h –Кафе пауза
Coffee break
16.^{30} - 18.^{30} ч/h – Заседания по секции
Open sessions by sections. Posters presentation and discussion
20.^{00} ч/h Коктейл
Cocktail party

11 Май 2018

10.^{00}ч/h Социални събития, включително срещи, посещение на Тракийски университет, центъра на града, и т.н.
Social events including meetings, visit to Trakia University, the city centre, etc.

12 May 2018

10.^{00}ч/h Екскурзия
Excursion

Секция 1. "Животновъдни науки"
Section 1. Animal Science

Заседание в Зала № 2 / Session in hall 2
Председатели / *Chairmen:* **Проф. д-р Й. Стайков / Prof. Y. Staikov, PhD**
Assist. Prof. Ekin Sucu, PhD

Членове / Members: **Проф. дсн Р. Славов / Prof. R. Slavov, Dsc**
Prof. Ibrahim AK, PhD
Проф. д-р В. Кацаров / Prof. V. Katsarov, PhD
Проф. дн Ж. Герговска / Prof. J. Gergovska, Dsc
Проф. дн А. Генчев / Prof. A. Genchev, Dsc

Секретари / Secretary: **Ас. И. Пенчев / Asst. Prof. I. Penchev**
Ас. д-р Р. Гънчева / Asst. Prof. R. Gancheva

13.30-13.45 ч/h **B. Marinov**, S. Chobanova -Modern aspects of poultry nutrition. Faculty of Agriculture, Trakia University, Bulgaria

13.45-14.00 ч/h **Augustine, C.**, Kwari, I.D., Igwebuikwe, J.U., Adamu, S.B., Doma U.D. and Medugu, C.I - Evaluation of carcass characteristics, organ weights and cost-benefits of feeding broiler chickens with raw or processed Tropical sickle pod (*Senna obtusifolia*) seed meal based-diets

14.00- 14.15 ч/h Selçuk Bölüktepe, **İbrahim Ak -** Additional Fibrolytic Enzym Effects on Dry Matter Intake, Milk Production and Composition and Some Rumen Parameters to TMR for Dairy Cows. Uludağ University, Turkey

14.15- 14.30 ч/h **Ekin Sucu** - Effects of Heat Stress in Animal Production. Uludağ University, Turkey

14.30- 14.45 ч/h **Ali Karabayir**, Emrah Tagi Ertuğrul - Some Behavioral Characteristics of Chicken Reared in Enriched Environment. Çanakkale Onsekiz Mart University, Turkey

14.45- 15.00 ч/h **Hasan Vural**, - Economic structure and marketing problems of the animal production in Turkey. Uludağ University, Turkey

15.00- 15.15 ч/h **Krum Nedelkov**, Dimo Girginov, Miroslav Simeonov, Nikolai Todorov, Todor Slavov - Effective rumen degradability and intestinal digestibility of DM and CP in high-protein fraction from sunflower meal. Trakia University, Bulgaria

15.15- 15.30 ч/h **Hasan Vural** - An analysis of energy use and input level for tomato production in Turkey. Uludağ University, Turkey

15.30- 15.45 ч/h Serdar Duru, **Süleyman Can Baycan** - Determination of Fertility Loss of Holstein Cattle in Bursa Province. Uludağ University, Turkey

15.45-16.00 ч/h **Petya Zhelyazkova**, Valentina Petrova, Doytcho Dimov – Study On The Continuity Of Farmer's Breeding Activity With Patch Faced Maritza Sheep Breed. Agricultural university – Plovdiv, Bulgaria

16.00 – 16.30ч/h Кафе пауза / Coffee break

16.30-16.45 ч/h **Zh. Sabev**, S. Metodiev – Polymorphism Of Prolactin Receptor (Prlr) Gene In Danube White And Landrace Swine Populations Dept. Genetics, Animal breeding and Reproduction – Stara Zagora, Faculty of Agriculture, Trakia University, Bulgaria

16.45-17.00 ч/h S. Lazarov**, P. Veleva**, I. Zhelyazkova - Investigation of lysozyme and total protein levels in haemolymph of worker bees depending on the degree of expression of hygienic behavior. Trakia University, Bulgaria

17.00-17.15 ч/h I. Zhelyazkova, **S. Lazarov** - Effectiveness of Oxalis Bee and Ecostop for prophylaxis and control of varroosis in honey bees (Apis mellifera L.). Trakia University, Bulgaria

17.15- 17.30 ч/h **Ilker Kilic**, Ercan Sımseka, Erkan Yaslioglua - Particulate Matter Concentrations in Summer Season in a Broiler House. Uludag University, Agriculture Faculty, Biosystems Engineering Department, Campus of Gorukle, Bursa, Turkey

17.30-17.45 ч/h **Hülya Hanoğlu Oral**, Hakan Biricik, Ali Mehmet Taluğ The effects of carvacrol and/or thymol on ruminal dry matter and crude protein degradation kinetics. Sheep Breeding Research Institute, Turkey

17.45-18.00 ч/h **Osadchuk L.V.**, Skiba T.V., Kleschev M.A., Sebezhko O.I., Korotkevich O.S., Petukhov V.L. - Trace element distribution in selected tissues and a relationship with sperm production in servicing bulls of three breeds reared in Western Siberia of Russia.

18.00 – 18.30ч/h Обсъждане на докладите / Discussion of the reports.
18.30 – 19.00ч/h Постерна сесия. Представяне на постерите / Posters presentation. Обсъждане на постерите/ Posters discussion.

Секция 2. "Растениевъдни науки"

Section 2. Crop science

Заседание в Зала № 1 / Session in hall 1
Председатели / Chairmen: **доц. д-р Н. Вълчев / Assoc. Prof. N. Valchev PhD**
Prof. İ. Alper Susurluk, PhD

Членове / Members: **Доц. д-р А. Стоянова / Assoc. Prof. A. Stoyanova, PhD**
Assoc. Prof. Hakan Çelik, PhD
Доц. д-р Г. Панайотова / Assoc. Prof. G. Panayotova PhD
Доц. д-р Г. Делчев / Assoc. Prof. G. Delchev, PhD
Доц. д-р М. Тодорова / Assoc. Prof. M. Todorova, PhD

Секретари / Secretary: **Ас. Л. Плешкуца / Asst. Prof. L. Plescuta,**
Ас. д-р П. Пеева / Asst. Prof. P. Peeva, PhD

13.^{30}- 13.^{45} ч/h **Dario Rinaldi, Милена Николова** - "SAGEA: Contract Research Organization performing official field trials in Bulgaria and Southern Europe". SAGEA, Italy САДЖЕА ООД, България

13.^{45}- 14.^{00} ч/h **Esra Aydoğan Çifci**, Köksal Yağdı - Correlation and Cluster Analysis in Wheat Genotypes to Estimate Genetic Variability. Uludağ University, Turkey

14.^{00}-14.^{15} ч/h Ozan Umut, **İlhan Turgut**, Dilyaver S. Halil , Gamze Bayram, Samet Ata, - Effects of Sowing Methods and Plant Densities on Grain Yield and Yield Components in Dent Corn (Zea mays indentata Sturt.). Uludağ University, Turkey

14.^{15}- 14.^{30} ч/h **Dilyaver S. Halil**, Ayşen Uzun - Determination of Combining Ability and Hybrid Performance of Some Pea (*Pisum sativum* L.) Line Obtained by Crossing With LinexTester Analysis Method. Uludağ University, Turkey (in Bulgarian)

14.^{30}- 14.^{45} ч/h **Виолета Божанова**, Минка Колева, Рангел Драгов, Дечко Дечев - Изследвания върху морфологични, физиологични и агрономически признаци и взаимовръзките им с добива при сортове твърда пшеница. Институт по полски култури – Чирпан, България

14.^{45}- 15.^{00} ч/h **Радослав Чипилски,** Виолета Божанова - Изследване на студоустойчивостта при генотипи твърда пшеница с два различни метода. Институт по полски култури – Чирпан, България

15.^{00}- 15.^{15} ч/h **Joyce Daudu Moses** and J.W Zalkuwi - Analysis of the Profitability and Constraints of Rain fed Rice Production in Adamawa and Taraba States, Nigeria. Adamawa State University, Nigeria

15.[15]-15.[30] ч/h **P.M Jonah** and Y.M. Kwaga -Genetic Interrelationship Among Quantitattive Traits And Path Analysis Of West African Okra (*Abelmoschus caillei*) Genotypes. Adamawa State University, Nigeria.

15.[30]-15.[45] ч/h **Jimjel Zalkuwi**, Joyce D Moses, and A.J. Madugu - Scope for improvement and opportunities in sorghum production: Economic analysis of Adamawa State. Adamawa State University, Nigeria

15.[45]- 16.[00] ч/h **Tufan Can Ulu**, Büşra Sadıç, Alper Susurluk - Effetcs of some additional substances on in vitro mass production of Heterorhabditis bacteriophora HBH strain. Uludağ University, Turkey

16.[00] – 16.[30] ч/h Кафе пауза / Coffee break

16.[30]- 16.[45] ч/h **Silvana Pasovska** - Internal parity of prices of the raw tobacco classes University St.Kliment Ohridski-Bitola, Scientific tobacco institute-Prilep,Republic of Macedonia

16.[45]-17.[00] ч/h **Sevin Teoman Duran**, Meryem Ipek, Ümran Ertürk, Erdoğan Barut, Ahmet Ipek - Genetic Diversity between male fig genotypes. Department of Horticulture, Faculty of Agriculture, Uludağ University, Turkey“

17.[00]- 17.[15] ч/h Barış Bülent Aşık, Emine Budaklı Çarpici, **Ramazan Doğan** - Effects of Salts Stress on Germination and Seedling Growth of Hulles Barley Genotypes. Uludağ University, Turkey

17.[15]-17.[30] ч/h **Nazan Dagustu** - The possible usage of wild relatives in sunflower breeding. Uludağ University, Turkey

17.[30]- 17.[45] ч/h **Nazan Dagustu** - The Genotype X Environment Interactions In Wild Sunflower Species (Helianthus L. spp.). Uludağ University, Turkey

17.[45]- 18.[00] ч/h **Slavka Kalapchieva**, Vinelina Yankova - Opportunities for growing of garden pea in organic production systems. Maritsa Vegetable Crops Research Institute-Plovdiv

18.[00]- 18.[15] ч/h **Hakan Çelik**, Gürcan Ören - Effects of Increasing Application Doses of Nitrogen on Growth and Some Nutrient Element Contents of Sunflower (Helianthus Annuus L.) Varieties. Uludağ University, Turkey

18.[15]- 18.[30] ч/h **Uğur Bilgili**, Sinem Zere - Effects of Different Nitrogen Fertilization on Plants Growth of Some Warm Season Turfgrasses. Uludağ University, Turkey

18.30- 18.45 ч/h **Mehmet Sincik**, A. Tanju Göksoy, Emre Şenyiğit, Yahya Ulusoy, Mustafa Acar, Gülhan Atagün, Şahin Gizlenci,Sami Süzer - Determination of Yield and Quality Characteristics of Some Rapeseed Genotypes in Different Environments. Uludağ University, Agriculture Faculty, Department of Field Crops, Bursa, Turkey

18.45-19.00 ч/h **İrfan Öztürk**, Turhan Kahraman, Remzi Avci, Vedat Çağlar Girgin, Şahinde Şili, Tuğba Hilal Kiliç, Adnan Tülek, Bülent Tuna - Effect of the Rainfall Humidity and Temperature at Various Growth Stage on Yield and Quality in Bread Wheat (Triticum aestivum L.) Cultivars. Trakya Agricultural Research Institute, Edirne, Turkey

19.00- 19.15 ч/h **Veselina Badzhelova**, Violeta Bozhanova, Georgy Chokov - Study on in vitro propagation of white oil-bearing rose (Rosa alba L.). ИРЕМК-гр. Казанлък, България

19.15-19.30 ч/h Firat Alaturk, Ahmet Gokkus, Baboo Ali, **Selcuk Birer** - Effects of Different Doses of Organo Mineral and Composite Fertilizer Application on Herbage Yield and Quality of Rangelands. Canakkale Onsekiz Mart University, Turkey

19.30- 20.00 ч/h Ahmet Gokkus, Firat Alaturk, **Selcuk Birer**, Baboo Ali - Effects of the Mixtures of Hairy Vetch and Hungarian Vetch with Italian Ryegrass on Upper and Sub Soil Development. Canakkale Onsekiz Mart University, Turkey

20.00–20.30 ч/h Обсъждане на докладите/ Discussion of the reports.
20.30–21.00 ч/h Постерна сесия. Представяне на постерите/ Posters presentation. Обсъждане на постерите/ Posters discussion.

Секция 3. "Екология,околна среда и качество на храните"

Section 3. Ecology, Environment, Food quality

Заседание в Зала № 3 / Session in hall 3
Председатели / *Chairmen:* **Проф. дсн С. Денев / Prof. S. Denev, Dsc**
Prof. Meryem İpek, PhD

Членове / Members: **Проф. д-р Г. Костадинова / Prof. G. Kostadinova, PhD**
Assoc. Prof. Nazmi İzli, PhD
Проф. д-р Ч. Митева / Prof. Tch. Miteva, PhD
Доц. д-р С. Атанасова / Assoc. Prof. S. Atanassova, PhD
Доц. д-р Д. Ганева / Assoc. Prof. D. Ganeva, PhD

Секретари / Secretary: **Ас. д-р Д. Дерменджиева /**
Asst. Prof. D. Dermendjieva, PhD
Гл. ас. д-р Е. Вълкова / Chief Asst. Prof. E. Valkova, PhD

13.^{30} - 13.^{45} ч/h **Fariz Mikayilsoy**, Diana Dermendjieva - Some aspects of modeling ecological processes. Iğdır University, Agricultural Faculty, Turkey

13.^{45}- 14.^{00} ч/h **Barış Bülent Aşik**, Saliha Dorak - Determination of agricultural characteristics of sugar factory waste products. Uludağ University, Turkey

14.^{00}-14.^{15}ч/h **Ahmet Polat**, Nazmi Izli - Colour and Rehydration Properties of Bay Leaves Dried by Convective and Microwave Methods. Uludağ University, Turkey

14.^{15}-14.^{30}ч/h **Neli H. Grozeva**, Mima H. Todorova, Dimitar H. Pavlov - Karyological and morphological variations within Petrosimonia brachiata Bunge in Bulgaria. Faculty of Agriculture, Trakia University, Bulgaria

14.^{30}- 14.^{45} ч/h **Evgeniy Raichev** Recognition Pine marten (Martes martes) from Stone marten (Martes foina) using camera traps. Faculty of Agriculture, Trakia University, Bulgaria

14.^{45}- 15.^{00} ч/h **Albena Merdzhanova**, Veselina Panayotova, Diana Dobreva, Katya Peycheva, Rositsa Stancheva - Chemical Composition and Bioactive Lipids of Aquaculture Black Mussel from the North Bulgarian Coast. Medical University of Varna

15.^{00}- 15.^{15} ч/h **D. Dinkov**, T. Stoyanchev, N. Naydenova, G. Mihaylova, P. Turlakova - Refractometric Detection Of Vegetable Product Used For Production Of Milk Products In Cow Fat, Extracted By Gerber Butyrometer Method. Ветеринарномедицински факултет, Тракийски университет, Стара Загора, България

15.^{15}- 15.^{30} ч/h N. Naydenova, T. Stoyanchev, G. Mihaylova, P. Turlakova, **D. Dinkov -** Refractometric Detection Of Vegetable Product Used For Production Of Milk Products In Cow Fat, Extracted By The Method Of Roese-Gottlieb. Ветеринарномедицински факултет, Тракийски университет, Стара Загора, България

15.^{30}– 16.^{00}ч/h Кафе пауза / Coffee break

16.^{00}– 16.^{15}ч/h Николай Такучев, Георги Неделчев - Качество на въздуха в град Русе, следено чрез наземен и сателитен мониторинг и връзката му със заболеваемостта в областта – корелационно проучване. Тракийски университет, Стара Загора, България

16.^{15}– 16.^{30}ч/h Slaveya Petrova, Iliana Velcheva, Hristina Kaneva, Ekaterina Valcheva, Plamen Marinov-Serafimov, Irena Golubinova - Allelopathic effect of six genotypes of Sorghum sudanense (Piper.) Stapf. on the germination and initial development of Lactuca sativa. Plovdiv University

16.^{30}– 16.^{45}ч/h Borislava Todorova, Iliana Velcheva, Stoyka Penkova - Study on the attitude of adolescents towards the management of food wastes. Plovdiv University, Bulgaria

16.^{45}– 17.^{00}ч/h Albena Merdzhanova, Veselina Panayotova, Diana Dobreva, Katya Peycheva - Proximate Composition, Lipid Quality and Heavy Metals Content in the muscle Tissue of Two Carp Species. Medical University of Varna

17.^{00}– 17.^{15}ч/h Vesela Yancheva, Vesela Tsvetanova, Petya Dimitrova, Stela Stoyanova, Elenka Georgieva, Iliana Velcheva - Bioaccumulation of polyaromatic hydrocarbons (PAHs) and cadmium (Cd) and its negative effects on zebra mussel (Dreissena polymorpha Pallas, 1771). Plovdiv University, Bulgaria

17.^{15}– 17.^{30}ч/h Georgi Beev, Nikolina Rusenova, Neli Grozeva, Milena Tzanova, Maria Gerdjikova - Antibacterial activity of methanol and water extracts from different plant parts of Stevia rebaudiana grown in Bulgaria. Аграрен факултер, Тракийски университет - гр. Стара Загора, България

17.^{30}– 17.^{45}ч/h Melike Yalili Kiliç, **İlker Kiliç**, Merve Nur Abuş - Determination of People's Consciousness on Collecting Vegetable Waste Oils in Bursa, Turkey. Uludag University, Faculty of Agricultural, Biosystem Engineering Department

17.^{45}– 18.^{00}ч/h Gulen Turker, Nazan Arifoglu - Free Radical Scavenging Capacity and Phenolic Content of Green Almonds and Plums. Canakkale Onsekiz Mart University, Turkey

18.^{00}– 18.^{15}ч/h Pinar Yildrim, Gulen Turker, Ertan Ercan, Fatma Colakoglu - Free Radical Scavenging Effect Of Gelatin Obtained From Merlangius merlangus. Canakkale Onsekiz Mart University, Turkey

18.^{15}– 18.^{30}ч/h Ali Karabayir, **Mustafa Öğütcü** - Fatty Acid Composition and Calorie Values of Chicken Breast and Thigh Meats from Different Breeding Systems. Canakkale Onsekiz Mart University, Turkey

18.^{30}– 18.^{45}ч/h Ertan Ercan, Mustafa Hacisa, Sibel Cengiz - Effects of Different Types of Feed And Bedding Material to Population Growth and Biochemical Composition On White Worm (Enchytraeus albidus Henle, 1837). Muğla Sıtkı Koçman University, Fisheries Faculty, Turkey

18.^{45}– 19.^{00} ч/h Ilknur Ak, Gulen Turker - Antioxidant Activity of Brown Algae from Çanakkale Strait. Canakkale Onsekiz Mart University, Faculty of Marine Sciences and Fisheries, Turkey

19.^{00}–19.^{30} ч/h Обсъждане на докладите/ Discussion of the reports.
19.^{30}–20.^{00} ч/h Постерна сесия. Представяне на постерите/ Posters presentation. Обсъждане на постерите/ Posters discussion.

Секция 4. "Аграрна техника и технологии"

Section 4. Agricultural techniques and Technologies

Заседание в Зала № 4 / Session in hall 4
Председатели / Chairmen: **Доц. д-р К. Пейчев / Assoc. Prof. K.Peychev,PhD**
Assoc. Prof. İlker Kılıç, PhD

Членове / Members: **Доц. д-р Н. Делчев / Assoc. Prof. N. Delchev, PhD**
Assoc. Prof. Esra Aydoğan Çiftçi, PhD
Доц. д-р Р. Георгиев / Assoc. Prof. R. Georgiev, PhD
Доц. д-р В. Димова / Assoc. Prof. V. Dimova, PhD

Секретари / Secretary: **Гл. ас. д-р Г. Динева / Chief Asst. Prof. G. Dineva. PhD**
Ас. Г. Тиханов / Asst. Prof. G. Tihanov

13.^{30}- 13.^{45} ч/h **Margarita Nankova**, Atanas Atanasov - Agronomic Effect Of Some Agronomy Practices On Contemporary Common Winter Wheat Cultivars (Triticum Aestivum L.). Dobrudzha Agricultural Institute – General Toshevo, Bulgaria

13.^{45}-14.^{00}ч/h **Kemal Sulhi Gundogdu** - The Algorithm of a Block Model for Reallocation in Land Consolidation Projects. Uludag University, Turkey

14.^{00}- 14.^{15} ч/h **Zornitsa Petrova**, Margarita Nankova - Application of herbicides on common winter wheat (Triticum aestivum L.) at different doses and their reflection on the structural elements of spike. Dobrudzha Agricultural Institute, General Toshevo, Bulgaria

14.^{15}- 14.^{30} ч/h **Кънчо Пейчев,** Галина Динева - Изследване влиянието на вакуумния режим и пулсационните параметри на доилни апарати върху някои физико-химични показатели на млякото при машинно доене на крави. Тракийски университет, Аграрен факултет, България

14.^{30}- 14.^{45} ч/h **В. Димова,** Р. Георгиев, Д. Георгиев - Определяне икономически целесъобразна дебелина на покрив от камъшит на сграда за кокошки носачки

14.^{45}– 15.^{15}ч/h Кафе пауза / Coffee break

15.^{15}– 15.^{30}ч/h **Р. Георгиев,** К. Пейчев, В. Димова, Д. Георгиев, Г. Динева, Ч. Николов - Снижаване разходите на енергия при производство на пелети от дървесина

15.^{30}–16.^{00} ч/h Обсъждане на докладите / Discussion of the reports.
16.^{00}–16.^{30} ч/h Постерна сесия. Представяне на постерите/ Posters presentation.
Обсъждане на постерите/ Posters discussion.

Секция 5. "Студенти и докторанти"

Section 5. Students and PhD students

Заседание в Зала № 5 / Session in hall 5
Председатели / Chairmen: Доц. д-р Р. Михайлов / Assoc. Prof R. Mihaylov, PhD
Resc. Asist. Merve Gündüz

Ч/Нленове / Members: Доц. д-р Н. Найденова / Assoc. Prof. N. Naydenova, PhD
Resc. Asist. Süleyman Can Baycan
Доц. д-р Т. Пенев / Assoc. Prof. T. Penev, PhD
гл. ас. д-р Д. Памукова /
Chief Asst. Prof D. Pamukova
Гл. ас. д-р Ст. Стоянова / Chief Asst. Prof. St. Stoyanova

Секретари / Secretary: ас. Ж. Събев / Asst. Prof. J. Sabev, PhD

13.^{30}- 13.^{45} ч/h **Ivelina Nedeva**, Todor Slavov, Dimitar Panayotov, Veselin Radev, Ivan Varlyakov - Morphological and biochemical parameters in the blood of lactating Lacaune sheep. Faculty of Agriculture, Trakia University, Bulgaria

13.^{45}-14.^{00}ч/h **Stanimira Ivanova Lazarova** - Business Motivation. University of Library Science and Information Technologies in Sofia

14.^{00}- 14.^{15} ч/h **Zhana Ivanova**, Katya Vasileva, Nikolay Velkov, Stanislava Grozeva - Evaluation of powdery mildew resistance in melon (*Cucumis melo* L.). Maritsa Vegetable Crops Research Institute – Plovdiv

14.^{15}- 14.^{30} ч/h **Merve Gündüz**, Prof. Dr. Ümran Şahan - The Correlation Between Silkgland mass and Mature larva weight in some silkworm lines and their hibrids. Uludag University, Agriculture Faculty, Department of Animal Science

14.^{30}- 14.^{45} ч/h **Gulieta Gencheva**, Pavlina Pashova Mima Todorova, Stefka Atanassova, Lubov Pleshkuza - Near infrared spectra for discrimination of Fluvisols, Vertisols and Solonchaks. Trakia University, Bulgaria

14.^{45}-15.^{00}ч/h Николай Такучев, **Георги Неделчев** - Качество на въздуха в град Русе, следено чрез наземен и сателитен мониторинг и връзката му със смъртността в областта – корелационно проучване. Тракийски университет, Стара Загора, България

15.^{00}-15.^{15} **Kremena Georgieva**, Georgi Zhelyazkov, Yordan Staykov, Dian Georgiev - Influence of dietary phytoextracts supplementation on growth performance, chemical composition and fatty acid profile of rainbow trout (Oncorhynchus Mykiss W.), cultivated in recirculation system. Department of Biology and Aquaculture, Faculty of Agriculture, Trakia University, Bulgaria

15.[15]- 15.[30] ч/h Dian Georgiev, **Kremena Georgieva** - Herpetofauna of Stara Zagora, species composition and distribution along the natural habitat gradient – urban areas. Department of Biology and Aquaculture, Faculty of Agriculture, Trakia University, Bulgaria

15.[30]-16.[00]ч/h Кафе пауза / Coffee break

16.[00]–16.[30] ч/h Обсъждане на докладите/ Discussion of the reports.
16.[30]–17.[00] ч/h Постерна сесия. Представяне на постерите/ Posters presentation. Обсъждане на постерите/ Posters discussion.

Списък на постерите по секции
List of posters by sections

(Авторите са длъжни да представят лично постерите и да участват в тяхното обсъждане.

Authors are obliged to present posters and participate in the discussion)

Секция 1. „Животновъдни науки„
Section 1. Animal Science

Заглавие и автор (и)

Title and author (s)

Poster

1. **Kadir Cem Akbay**, İbrahim AK, - Steam-Flaked Grains for Ruminants Nutrition. Uludağ University, Turkey
2. **V. Pirgozliev**, S.P. Rose, - Feeding wheat distillers dried grains with solubles to turkeys: effect on energy and nutrient availability. National Institute of Poultry Husbandry, Harper Adams University, Newport, Shropshire, UK
3. Miroslav Simeonov, **Krum Nedelkov**, Todor Iliev, Milena Mihailova - The effect of dietary protein sources on ewe's milk yield and composition in Blackhead Pleven breed. Trakia university, Bulgaria
4. **D. Dimov**, I. Marinov, T. Penev, Ch. Miteva, Zh. Gergovska - Concentration of carbon dioxide in semi-open freestall barns for dairy cows. Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria
5. **Nelly Groseva**, Ivan Valchev, Tsanko Hristov, Lazarin Lazarov, Dian Kanakov, Rumen Biinev - Effects Of Aflatoxin B1 On Pathohistopathologocal Structure Immunocompetent Organs In Mulard Ducks. Trakia University, Faculty of Veterinary Medicine, Stara Zagora, Bulgaria
6. **Ivan Valchev**, Nelly Grozeva, Dian Kanakov, Tsanko Hristov, Lazrin Lazarov, Rumen Biinev - Investigations On Haematological Parameters And Bone Marrow Morphology In Mulard Ducks With Experimental Aflatoxicosis. Trakia University, Faculty of Veterinary Medicine, Stara Zagora, Bulgaria

7. **Georgi Zhelyazkov** - Effect of monosodium glutamate dietary supplementation on some productive traits of common carp (Cyprinus carpio L.), cultivated in net cages. Trakia University, Bulgaria
8. **Alexander Kurdomanov**, Ivaylo Sirakov, Stefka Stoyanova, Katya Velichkova, Ivelina Nedeva, Yordan Staykov - The effect of diet supplemented with Proviotic® on growth, blood biochemical parameters and meat quality in rainbow trout (Oncorhynchus mykiss), cultivated in recirculation aquaculture system. Trakia University, Bulgaria
9. **Ivaylo Sirakov**, Katya Velichkova, Stefka Stoyanova, Yordan Staykov - Growth performance, biochemical blood parameters and meat quality of rainbow trout (Oncorhynchus mykiss W.) fed with feed supplemented with extract of licorice (Glycyrrhiza glabra). Department of Biology and Aquaculture, Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria
10. **Katya Velichkova**, Ivaylo Sirakov, Stefka Stoyanova, Yordan Staykov - Effect of Taraxacum officinale (L.) Weber ex F.H.Wigg extract on growth performance, biochemical blood parameters and meat quality of rainbow trout (Oncorhynchus mykiss W.) cultivated in a recirculating system. Department of Biology and Aquaculture, Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria
11. **R. Koshinski** - Effect of Artemisia annua L. extract on growth performance, biochemical blood parameters and meat quality of rainbow trout (Oncorhynchus mykiss W.) cultivated in recirculating system. Trakia University, Faculty of Agriculture, Department of Biology and Aquaculture, Bulgaria
12. **R. Koshinski**, K. Velichkova, I. Sirakov, S. Stoyanova - Growth performance, biochemical blood parameters and meat quality of rainbow trout (Oncorhynchus mykiss W.) fed with additive Cnicus benedictus L. Extract. Department of Biology and Aquaculture, Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria

Секция 2. „Растениевъдни науки”
Section 2. Crop science

Заглавие и автор (и)
Title and author (s)

Poster

13. Duran Zararsiz, **İlhan Turgut**, Hybrid Maize (Zea mays L.) Breeding With Doubled Haploid Lines: Hybrid Performance in Bursa Condition. Uludağ University, Turkey
14. **Ferrin Ferda Aşik**, Reşat Yildiz - The Determination of Yield and Yield Components of Some Soybean (Glycine max. L) Varieties in the Osmaniye Region. Oil Seed Research Institute, Osmaniye, Turkey
15. Yavuz Selim Sahin, **İ. Alper Susurluk** - Investigation of The Effects of Some Agricultural Fertilizers on Entomopathogenic Nematodes. Uludağ University, Turkey
16. **Donka Draganova**, I. Valcheva, Y. Kuzmanova, M. Naydenov - Changes In Soil Respiration, Cellulase, Betaglucosidase And Soil Carbon Due To Addition Of Wheat Straw And Cellulose Degrading Fungi Of Genus Trichoderma. Agricultural University, Bulgaria
17. **Veselina Stoyanova**, Vasilina Maneva, Dina Atanasova - Influence of sowing norms and fertilization on the productivity of triticale. Institute of Agriculture Karnobat

18. **Veselina Stoyanova**, Vasilina Maneva, Dina Atanasova - Influence of the sowing norm and fertilization on the yield of grain of Kaloyan oat variety. Institute of Agriculture Karnobat
19. **Dina Atanasova**, Vasilina Maneva - Phytosanitary monitoring of wheat crops in Bulgaria. Institute of Agriculture - Karnobat
20. **Dina Atanasova**, Vasilina Maneva - Phytosanitary monitoring of oats crops in south-east Bulgaria. Institute of Agriculture - Karnobat
21. **Slavka Kalapchieva** - Identification of initial material for cold resistance in garden pea. Maritsa Vegetable Crops Research Institute-Plovdiv
22. **Magdalena Koleva**, Y. Stanoeva, I. Kiryakov, A. Ivanova - Sources of resistance in chickpea (Cicer arietinum) to ascochyta blight (Ascochyta rabiei). Shumen University "Bishop Konstantin Preslavski", College Dobrich, Dobroudzha Agricultural Institute, General Toshevo, Bulgaria
23. **Nataliya Dimitrova**, Lilyana Nacheva, Valeria Ivanova, Sijka Todorova - Effect of meta-Topolin on in vitro growth of Magnolia grandiflora L. and Magnolia x soulangiana Soul.-Bod Fruit Growing Institute, Plovdiv, Bulgaria
24. **Руска Димитрова**, П. Янков, Г. Милев - Влияние на някои метеорологични фактори върху настъпването на основни вегетационни фази при сортове фасул, селекционирани за директно прибиране. Технически университет - Варна
25. **Olcay Arabaci**, Uğur Tan, İmge İhsane Özcan, Mehmet Tutar - Effect of Organic and Inorganic Fertilizers on Some Agronomic Characteristics of Orchis sancta L. cultivated in Field Conditions. Adnan Menderes University, Faculty of Agriculture, Field Crops, Turkey
26. **Olcay Arabaci**, Uğur Tan, Özge Yildiz, Mehmet Tutar - The Effect of Nitrogen Fertilizer on Some Quality Characteristics of Serapias vomeracea (Burm.Fill.) Brig. in field condition. Adnan Menderes University, Faculty of Agriculture, Field Crops, Turkey
27. **N. Petrovska**; V. Valkova - Knezha 461 - A new maize hybrid from the middle early group. Maize Research Institute, Kneja
28. **Valentina Valkova**, Natalya Petrovska - Kneja 560 – a new mid-late maize hybrid, Maize Research Institute, Kneja, България
29. **Maciej Walczak**, Maria Swiontek Brzezinska, Aleksandra Burkowska-But, Wiktor Jóźwiak, Grażyna Wiśniewska - The effect of Bacillus bacteria on soil biological activity and plant development. Department of Environmental Microbiology and Biotechnology, Nicolaus Caopernicus University; Poland
30. **İrfan Öztürk**, Remzi Avci, Vedat Çağlar Girgin, Turhan Kahraman, Şahinde Şili, Tuğba Hilal Kiliç, Adnan Tülek, Bülent Tuna - Yield and Agro-morphological Character Affected by Temperature and Rainfall During Various Growth Stages in Two Rowed Barley (Hordeum vulgare L.). Trakya Agricultural Research Institute, Edirne, Turkey
31. **Adelina Harizanova**, Lyubka Koleva-Valkova - Effect of silicon on photosynthetic rate and the parameters of the chlorophyll fluorescence in hydroponically grown cucumber plants under salinity stress. Dept. of Plant physiology and biochemistry, Agricultural university – Plovdiv, Bulgaria
32. **Rodica Sturzu**, Cristina Melucă, Jeni Mădălina Cojocaru - Productivity and adaptability of new genotypes chickpea (Cicer arietinum L.) cultivated under environmental conditions of Southern Romania. Agricultural Research and

Development Station Teleorman, Romania

33. **Meluca Cristina**, Sturzu Rodica, Cojocaru Jeni Madalina - Behavior Of Some Autumn Barley Varieties Under Climatic Conditions Of Ards Teleorman. Agricultural Research and Development Station Teleorman, Romania
34. Cristina Melucă, **Nistor Tudorina**, Sturzu Rodica, Jeni Mădălina Cojocaru - Behavior Of The Variety Cotton Dorina In The Conditions Of South Of Romania Comparative To Other Cotton Varieties. Agricultural Research and Development Station Teleorman, Romania
35. **Sevin Teoman Duran**, Ahmet İpek, Meryem İpek - Seed Dormancy in Vegetables Crops. Department of Horticulture, Faculty of Agriculture, Uludag University, Turkey
36. Mevlüt Batuhan Koşar, **Ümran Ertürk** - Early Performance Of Two Sour Cherry Cultivars Grafted On Clonal Rootstocks. Uludağ University, Faculty of Agriculture Horticulture Department, Turkey
37. Dilan Ahi, **Ümran Ertürk** - Preliminary Results Of New Flat Peach (P. persica var. platycarpa) And Nectarine (P. persica var. nucipersica) Cultivars. Uludağ University, Faculty of Agriculture Horticulture Department, Turkey
38. **Mima Ilchovska** - Study on the ecological stability and plasticity of maize hybrids in different groups of ripeness. Maize Research Institute, Knezha
39. **Meryem İpek**, Sevin Teoman Duran, Ahmet İpek - Seed Production in Turkey. Uludağ University, Turkey
40. Sevin Teoman Duran, Ahmet İpek, **Meryem İpek** - Seed Coating Technologies in Vegetable Crops. Uludağ University, Turkey

Секция 3. „Екология, околна среда и качество на храните" Section 3.Ecology, Environment, Food quality

Заглавие и автор (и)
Title and author (s)

Poster

41. Hatice Damla Güle, **Vildan Uylaşer** - A Natural Sweetener: Stevia. Department of Food Engineering, Faculty of Agriculture, Uludag University, Turkey
42. Emel Özdemir, Cansu Saadet Uygur, Hatice Damla Güler, **Vildan Uylaşer** - A Local Flavor: Kavut Flour and Evaluation Form. Department of Food Engineering, Faculty of Agriculture, Uludag University, Turkey
43. **Daniela Klisarova**, Dimitar Gerdzhikov - Quantitative development and species diversity of phytoplankton in Bulgarian marine areas, 2014-2017. Institute of fish resources – Varna
44. **Stela Stoyanova**, Vesela Yancheva, Iliana Velcheva, Elenka Georgieva - Histochemical changes in liver of rodents and amphibians from Tsalapitsa rice-fields. Plovdiv University, Bulgaria
45. **Angelika Georgieva**, Stanislava K. Georgieva, Zlatina V. Peteva, Mona D. Stancheva - Polycyclic aromatic hydrocarbons and toxic metals: contamination of medicinal plants. Medical University - Varna
46. **Diyana Dermendzhieva** - Wastewater Characteristics By Physico-Chemical Parameters From Different Type Treatment Plants. Faculty of Agriculture, Trakia University, Bulgaria

47. **Ilknur Ak**, Fatma Colakoglu, Gulen Turker, Pınar Yildirim - Evaluation of Fisheries and Seaweed Wastes for Agricultural Purposes. Canakkale Onsekiz Mart University, Faculty of Marine Sciences and Fisheries,Turkey
48. **Gulen Turker**, Fatma Colakoglu, Ilknur Ak, Pınar Yildirim - EFFECTS OF ω -3 AND ω -6 FATTY ACIDS ON HUMAN HEALTH. Canakkale Onsekiz Mart University, Faculty of Marine Sciences and Fisheries,Turkey
49. **Pinar Yildirim**, Gulen Turker, Ilknur AK, Fatma Colakoglu - Caviar Production And Nutritional Properties In Aquaculture. Canakkale Onsekiz Mart University, Turkey

Секция 4. "Аграрна техника и технологии"
Section 4. Agricultural techniques and Technologies

Заглавие и автор (и)
Titles and author (s)

Poster

50. **Yanko Borisov Borisov**, Melika Salihova Mohamedova, Mladen Kostadinov Naidenov, Donka Gospodinova Draganova, Iliyana Stefanova Valcheva - Isolation and in vitro testing of several nematophagus fungi for control of root-knot nematodes. Аграрен Университет Пловдив, България
51. **Ali Vardar**, Bulent Eker - Surface Roughness Map of Eastern Thrace Region in Terms of Wind Energy. Uludag University, Faculty of Agriculture, Dept. of Biosystems Engineering, Turkey

Секция 5. "Студенти и докторанти„
Section 5. Students and PhD students

Заглавие и автор (и)
Titles and author (s)

Poster

52. Todor Slavov, Ivan Varlyakov, Veselin Radev, **Ivelina Nedeva**, Mariana Markova - Comparative study of hematological parameters in lambs from Central Balkan Mountain and Koprivshtica sheep breeds. Faculty of Agriculture, Trakia University, Bulgaria
53. **Delcho Delchev**, Grozi Delchev - Productivity and yield stability at late treatment of durum wheat (Triticum durum Desf.) with antibroadleaved herbicides. I. Influence at treatment during 1-st stem node stage. Тракийски университет, Аграрен факултет, България
54. **Milena Delcheva**, Grozi Delchev - Productivity and yield stability at late treatment of durum wheat (Triticum durum Desf.) with antibroadleaved herbicides. II. Influence at treatment during 2-nd stem node stage. Faculty of Agriculture, Trakia University, Bulgaria
55. **Stoyanka Angelova**, Grozi Delchev - Productivity and yield stability at late treatment of durum wheat (Triticum durum Desf.) with antibroadleaved herbicides. III. Influence at treatment during 3-rd stem node stage. Тракийски университет, Аграрен факултет, България

56. Dobromir Georgiev, Ekaterina Tissova, **Donika Kostova**, Antoniya Stoyanova, Velika Kuneva, Nikolai Valchev - Production and quality of production in tomatoes, greenhouse production, under the influence of different levels of fertilization and different irrigation regimes. Trakia University, Faculty Of Agriculture
57. **Tsvetan Stoev** - Effect of savory and nutmeg extracts supplementation on some productive traits and economic efficiency of rainbow trout (Oncorhynchus mykiss W.) cultivated in recirculation system. Department of Biology and Aquaculture, Faculty of Agriculture, Trakia University, Bulgaria
58. Dobromir Georgiev, Ekaterina Tissova, **Donika Kostova**, Antonia Stoyanova, Gancho Ganchev - Influence of foliar feeding of varieties of common wheat on the nutritional value of the grain. Trakia University, Faculty of Agriculture, Bulgaria
59. **Karina Punevska**, Poliksena Marinova, Katia Trencheva - Morphological studies of rice weevil s. Oryzae (linnaeus) and granary weevil, s. Granarius (linnaeus) (coleoptera: curculionidae) – a major pests of stored products. University of Forestry, Bulgaria
60. **Elica Boneva**, Damian Ivanov, Katia Trencheva - Morphological studies on male genitalia of fruit pests cydia pomonella (l.), grapholita molesta (busck) and grapholita funebrana treitschke (lepidoptera: tortricidae). University of Forestry, Bulgaria
61. **Yordan Cherpokov**, Ivaylo Sirakov, Stefka Stoyanova, Katya Velichkova, Apostol Simitchiev, Vencislav Nenov, Todor Slavov - The influence of NuPro® on the growth performance, biochemical blood parameters and meat quality of rainbow trout (Oncorhynchus mykiss W.), grown in recirculation system. Department of Biology and Aquaculture, Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria.

Бележки
Notes