



ТРАКИЙСКИ УНИВЕРСИТЕТ
АГРАРЕН ФАКУЛТЕТ
СТАРА ЗАГОРА

НАУЧНА КОНФЕРЕНЦИЯ С МЕЖДУНАРОДНО УЧАСТИЕ:

**100 години висше аграрно
образование в България**

**27 май 2021
Стара Загора**



SCIENTIFIC CONFERENCE WITH INTERNATIONAL
PARTICIPATION:

**100 years Higher Agricultural Education
in Bulgaria**

**27 May 2021
Stara Zagora**



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**ПРОГРАМА
PROGRAMME**

**Аграрен факултет, Тракийски университет
Faculty of agriculture
Trakia university**

**ОТКРИВАНЕ И ПЛЕНАРНИ ДОКЛАДИ
OPENING CEREMONY AND PLENARY REPORTS**

Информация за присъединяването към Google Meet/ Google Meet joining info
Връзка към видео обаждането/ Video call link: <https://meet.google.com/bzo-odtm-npv>

10.00-10.40 ч/ч - Откриване на конференцията/Opening of the conference

10.40-11.10 ч/ч - Пленарна сесия/Plenary session

Plenary report: Presentation of the international project GREENANIMO – report for the first stage – prof. S. Georgieva

11.10 -11.20 ч/ч -Дискусия/Discussion

13.00 ч/ч - Заседания по секции/Open sessions by sections

Секция 1. “Животновъдни науки”

Section 1. Animal Science.....2

Секция 2. “Растениевъдни науки”

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Секция 3. “Екология, околна среда и качество на храните”

Section 3. Ecology, Environment, Food quality.....8

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Section 4. Agricultural Techniques and Technologies.....11

Секция 5. “ Студенти и докторанти ”

Section 5. Students and PhD students.....12



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Секция 1. “Животновъдни науки”

Section 1. Animal Science

Председател: проф. дсн Васил Атанасов

Chairman: Prof. DSc. Vasil Atanasov

Зам.-Председател: проф. д-р Иван Върляков

Секретар: гл. ас. д-р Деяна Генчева; гл. ас. д-р Елица Вълкова

Video call link: <https://meet.google.com/qaw-xeha-bqf>

Доклади	
13.10 ч.	K.J. Heiderscheid and M.J. Haskell The effect of feeder-space allowance on behaviour, feed-sorting, and productivity in beef cattle Scotland's Rural College, (SRUC) Edinburgh, UK GREENANIMO
13.20 ч.	HOCQUETTE Jean-François, LIU Jingjing, HOCQUETTE Elise, CHRIKI Sghaier, ELLIES-OURY Marie-Pierre Potential consumer acceptance of meat produced from cultured cells in different countries INRAE, France GREENANIMO
13.30 ч.	Ivelina Nedeva Study of thyroid hormones and cortisol as a tool for determining the welfare of sheep Faculty of Agriculture, Trakia University GREENANIMO
13.40 ч.	N. Lambe, K.McLean, J.Gordon, A.McLaren Use of spiral CT scanning to quantify carcass composition and muscle distribution in Texel rams for breeding Scotland's Rural College (SRUC) Edinburgh, UK GREENANIMO
13.50 ч.	Stoyanchev T and Atanasova S. Application of scientific strategy for enhanced beef and sheep meat quality evaluation. Trakia University GREENANIMO
14.00 ч.	Nadya Bozakova, Veselin Ivanov Opportunities to welfare improvement in sheep and goats by silymarin additives – oral presentation Department of General Animal Breeding, Faculty of Veterinary Medicine, Trakia University-Stara Zagora, Bulgaria GREENANIMO
14.10 ч.	Isabelle Veissier and Véronique Deiss Ethics in experiments on live cattle: A pragmatic approach Université Clermont auvergne, INRAE, VetAgro Sup, UMR herbivores, 63122 Saint-Genes-Champanelle, France GREENANIMO
14.20 ч.	Panayotova Milena, Krastanov Jivko, Varlyakov Ivan, Stoyanchev Todor,



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	<p>Marinov Ivaylo Swot analysis for supporting the development of the grazing livestock meat production sector in Bulgaria through the GREENANIMO project activities Faculty of Agriculture, Trakia University GREENANIMO</p>
14.30 ч.	<p>Krum V. Nedelkov In situ evaluation of the ruminal and intestinal digestibility of physically treated rapeseed meal /Wisap Raps/ Faculty of Veterinary Medicine, Trakia University, Stara Zagora, Bulgaria GREENANIMO</p>
14.40 ч.	<p>Дениз Селманов – „Олеона ЕООД“ Олеона – соеви и рапични протеини за животновъдството</p>
14.50 ч.	<p>Ivelina Pavlova, Demir Ozdemir, Hristo Lukanov Comparative study of some exterior characteristics between the İспенç and Southwestern Bulgarian dzinka chicken breeds Trakia University</p>
15.00 ч.	<p>Hristo Lukanov, Ivelina Pavlova, Atanas Genchev Effect of different fattening period duration on meat productivity of domestic quails Trakia University</p>
15.10 ч.	<p>Daniel Sperling, Nicolas Guerra, S. Dimitrov Iron Deficiency Anemia (IDA) in sows – an emerging problem? Тракийски Университет/Trakia University</p>
15.20 ч.	<p>Евгения Ачкаканова Месодайната порода овце Ил дьо Франс - етапи на интродукция и развъден процес в България, разпространение и значение Институт по животновъдни науки - Костинброд</p>
15.30 ч.	<p>Alkan ÇAĞLI , Hasan COĞAN, Murat YILMAZ Comparison of Body Weight, FAMACHA © BCS and Hair Scores in Saanen Goats During Pregnancy and Birth Period Aydın Adnan Menderes University</p>
15.40 ч.	<p>Selda Manav, Murat Yılmaz, Alkan Çağlı, Hasan Çoğan ve Kemal Çelik Relationship between blood RBC value and FAMACHA © and BCS scores of goat kids fed whey powdered food and supplemented with propolis Aydın Adnan Menderes University</p>
15.50 ч.	<p>Selda AVCI, Selda MANAY, Murat YILMAZ , Turğay TAŞKIN Goat Breeding and Determination of Its Sustainability; TURKEY- Denizli Province Pamukkale District Example Aydın Adnan Menderes University</p>
16.00 ч.	<p>Petya Zhelyazkova, Doytcho Dimov Estimation of environmental effects of test day milk yield in Patch-faced Maritza sheep Agricultural university</p>
16.10 ч.	<p>Sashka Chobanova, Dimo Penkov Influence of the replacement of soybean meal with high-protein sunflower meal on “Clarcs of energy distribution/protein transformation” in fattening broiler chickens</p>



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	Аграрен факултет, Тракийски университет; Аграрен университет - Пловдив
16.20 ч.	Ефект от включването на различни нива на високопротеинов слънчогледов шрот в комбинирания фуражи за пилета бройлери върху кланичните показатели, химическия състав и качеството на месото. Иван Пенчев, Сашка Чобанова, Николай Къркеланов
16.30 - 16.50	Дискусия/Discussion
Постери	
16.50 ч.	C-A. Duthie , J.M. Bowen, G.A. Miller, D.J. Bell, C. Mason and M.J. Haskell Feeding behaviour and activity as early-indicators of disease in pre-weaned dairy calves SRUC, Edinburgh, UK GREENANIMO
16.55 ч.	J.M. Bowen, G.A. Miller, C. Mason, D.J. Bell, M.J. Haskell and C-A. Duthie Prediction of respiratory disease in pre-weaned dairy calves using activity and feeding behaviours SRUC, Edinburgh, UK GREENANIMO
17.00 ч.	Ivelina Nedeva , Todor Slavov, Ivan Varlyakov, Veselin Radev, Dimitar Panayotov, Biochemical profile of blood as an objective indicator of the welfare of Lacaune sheep Faculty of Agriculture, Trakia University GREENANIMO
17.05 ч.	N.Bozakova Features of Observer software to study animal behavior Faculty of Veterinary Medicine, Trakia University GREENANIMO
17.10 ч.	Mehmed Halil Observer XT Software application for research of sheep and cattle behavior - opportunities and advantages Faculty of Veterinary Medicine, Trakia University - Stara Zagora, Bulgaria. GREENANIMO
17.15 ч.	S. Stojanovski , G .Cilev, B. Trajanoska Diversity of Bacteria that Cause Clinical Mastitis in Holstein-Frisian High Dairy Cows in Pelagonia Region - North Macedonia. Department of Microbiology, Faculty of Veterinary Medicine, University "St. Kliment Ohridski", 7000 Bitola, North Macedonia
17.20 ч.	Gancho Ganchev , Atanas Ilchev, Krum Nedelkov Effect of feeding different levels of wheat dried distillers grains with solubles (wDDGS) on nutrient digestibility in growing pigs Faculty of Agriculture, Trakia University
17.25 ч.	Radostina Peneva Guncheva Effects of feeding frequency on the silkworm Bombyx mori L. development Faculty of Agriculture, Trakia University
17.30 ч.	Radostina Peneva Guncheva , Panomir Ivanov Tsenov, Yolanda Vasileva Productivity of newly created F1 tetrahybrids of the silkworm Bombyx mori L. reared with artificial diet with reduced mulberry powder content



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	Faculty of Agriculture, Trakia University
17.35 ч.	Ivanka Zhelyazkova and Svilen Lazarov Food consumption and winter mortality in bee colonies wintering in hives with lattice and solid bottom Faculty of Agriculture, Trakia University
17.40 ч.	Ivanka Zhelyazkova and Svilen Lazarov Monitoring of temperature and humidity in hives made of different material through an electronic recording system during the autumn and winter period of the development of bee colonies Faculty of Agriculture, Trakia University
17.45 ч.	Rumen Binev, Krum Nedelkov , Anton Rusenov, Krasimir Stoyanchev, Lazarin Lazarov, Tsanko Hristov, Todor Slavov Hematological and biochemical reference values of mature domestic donkeys in Bulgaria Faculty of Veterinary Medicine, Trakia University, 6000 Stara Zagora, Bulgaria
17.50 ч.	Rumen Binev, Krum Nedelkov , Anton Rusenov, Krasimir Stoyanchev, Lazarin Lazarov, Tsanko Hristov, Todor Slavov Reference ranges of certain paraclinical parameters in domestic donkeys in Bulgaria Faculty of Veterinary Medicine, Trakia University, 6000 Stara Zagora, Bulgaria
17.55 ч.	Sonya Ivanova , Tanya Nikolova Effect of phytonutrients on the performance and serum cholesterol profile of entire male pigs Земеделски институт - Шумен
18.00 ч.	Teodora Angelova, Krum Nedelkov , Jivko Krastanov, Daniela Yordanova, Svetlana Georgieva Influence of milk fat-to-protein ratio on reproductive performance of Holstein dairy cows Faculty of Veterinary Medicine, Trakia University, 6000 Stara Zagora, Bulgaria
18.05 ч.	Hasan ÇOĞAN , Murat YILMAZ CRISPR-Cas9 Technique, Its Use in Livestock and Ethical Evaluation Aydın Adnan Menderes University, Aydın- TURKEY
18.10 ч.	Valentina Petrova, Doytcho Dimov Study of the sheep breeder's interest in the use of modern information and communication technologies in sheep breeding Agricultural university
18.15 ч.	Daniela Yordanova, Teodora Angelova , Jivko Krastanov, Svetlana Georgieva Association of kappa casein genotypes with milk composition and coagulation properties in Bulgarian Black-and-White cattle Agricultural institute – Stara Zagora
18.20 ч.	Teodora Angelova , Daniela Yordanova, Jivko Krastanov, Svetlana Georgieva Beta-lactoglobulin (LGB) allele frequencies and genotypes in Brown cattle and their association with milk composition and coagulation properties Agricultural institute – Stara Zagora
18.20 – 18.40 ч.	Дискусия/Discussion



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Секция 2. “Растениевъдни науки”

Section 2. Crop science

Председател: доц. д-р Николай Вълчев

Chairman: Assoc. Prof. Nikolay Valchev, PhD

Зам.-Председател: доц. д-р Мима Тодорова

Секретари: гл. ас. д-р Светлин Иванов; ас. Ферихан Емурлова

Video call link: <https://meet.google.com/fik-myzu-zks>

Доклади	
13.10 ч.	Roksana Mineva, Vinelina Yankova, Nikolay Valchev Possibilities for integrated control of the cotton bollworm (<i>Helicoverpa armigera</i> Hb.) in the growing tomatoes in greenhouses. Faculty of Agriculture, Trakia University
13.20 ч.	Roksana Mineva, Vinelina Yankova, Nikolay Valchev Study of the effectiveness of chemical and biological agents for the control of tomato leaf miner (<i>Tuta absoluta</i> Meyrick). Faculty of Agriculture, Trakia University
13.30 ч.	Елена ЦОЛОВА, Лиляна КОЛЕВА <i>Gonocerus acuteangulatus</i> (Hemiptera: Coreidae) нов неприятел при биологично производство на малини в Западна България. ЛТУ, София
13.40 ч.	Zhelyu Avramov Study of the disease "Sudden wilting of lavender", caused by `Candidatus. <i>Phytoplasma solani</i> ` in Bulgaria. University of Forestry
13.50 ч.	Желю Аврамов Проучване на най-ранните симптоми на шарка по сливата в Софийското поле и Врачански регион. Лесотехнически университет
14.00 ч.	Rumen Tomov, Elena Tsvetkova, Hristina Stefanova, Galin Milchev Role of citizen science for plant health in Bulgaria. Лесотехнически университет/University of forestry
14.10 ч.	Rumen Tomov Current status of alien arthropods established in agrocenoses of Bulgaria. Лесотехнически университет
14.20 – 14.40	Дискусия/Discussion
Постери	
14.40 ч.	Grozi Delchev Selectivity and stability of herbicides, herbicide tank mixtures and herbicide combinations on Clearfield oilseed canola (<i>Brassica napus</i> L.) Тракийски университет, Аграрен факултет, Стара Загора
14.45 ч.	Grozi Delchev Sowing characteristics of the durum wheat seeds (<i>Triticum durum</i> Desf.) by use of some antigraminaceous and combined herbicides Тракийски университет, Аграрен факултет, Стара Загора
14.50 ч.	Евгений Димитров, Златина Ур, Рангел Драгов, Радослав Чипилски/ Evgeniy Dimitrov, Zlatina Uhr, Rangel Dragov, Radoslav Chipilski.



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	Сравнително изпитване на стари сортове обикновена зимна пшеница при променящите се климатични условия/ Comparative testing of old winter common wheat varieties of under changing climatic conditions. IPGR, Sadovo / FCI Chirpan
14.55 ч.	Евгений Димитров, Златина Ур , Рангел Драгов, Радослав Чипилски/ Evgeniy Dimitrov, Zlatina Uhr , Rangel Dragov, Radoslav Chipilski Проучване на добива и елементите на продуктивността за стари сортове обикновена зимна пшеница при променящите метеорологични условия/ Study of the yield and productivity elements of old common winter wheat varieties in changing climatic conditions. IPGR, Sadovo
15.00 ч.	Олга Георгиева , Наталия Караджова/Olga Georgieva and Natalia Karadzova Продуктивност на Trihoderma viride върху среди, съдържащи различни хранителни източници./The productivity of Trihoderma viride on media containing different food sources. Институт по зеленчукови култури "Марица"/Maritsa Vegetable Crops Research Institute
15.05 ч.	Antoniya Stoyanova Study of the productivity of irrigation water for cotton. Trakia University, Faculty of Agriculture
15.10 ч.	Antoniya Stoyanova , Velika Kuneva Effect of irrigation and fertilization on yield and biomass in three varieties of cotton. Trakia University, Faculty of Agriculture
15.15 ч.	Sofia Petrova , Tsvetelina Stoilova The agro-biodiversity of alternative grain legumes under conditions of climate change. Institute of Plant Genetic Resources
15.20 ч.	Tsvetelina Stoilova , Sofia Petrova The agromorphological and genetic diversity of grass pea (Lathyrus sp. L.) and cowpea (Vigna unguiculata L.) of subsets of IPGR's germplasm collection. Institute of Plant Genetic resources
15.25 ч.	Sofia Petrova , Tsvetelina Stoilova The agro-biodiversity of alternative grain legumes under conditions of climate change. Institute of Plant Genetic Resources
15.30 ч.	Рангел Драгов / Rangel Dragov Установяване на генетичното разнообразие в диалелна кръстоска от твърда пшеница / Establishment of genetic diversity in a diallel cross of durum wheat Институт по полски култури - Чирпан / Field crops institute - Chirpan
15.35 ч.	Валентина Димитрова, Рангел Драгов / Valentina Dimitrova, Rangel Dragov Селекционна оценка на нови перспективни линии памук / Breeding assessment of new promising cotton lines Институт по полски култури - Чирпан / Field crops institute - Chirpan
15.40 ч.	Димитър Василев , Ралица Иванова, Антония Стоянова Мониторинг на вредителите при чуждестранни сортове ечемик в района на гр. Вълчи дол - Варненска област .Шуменски университет Епископ К.Преславски
15.45 ч.	Димитър Василев , Антония Стоянова Биологично отглеждане на овес (Avena sativa L.) в условията на Североизточна България. Шуменски университет Епископ К. Преславски, България,
15.50 – 16.10 ч.	Дискусия/Discussion



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Секция 3. “Екология, околна среда и качество на храните”

Section 3. Ecology, Environment, Food quality

Председател: проф. дн Гергана Костадинова

Chairman: Prof. Gergana Kostadinova, DSc

Зам.-Председател: доц. д-р Евгений Райчев

Секретар: гл. ас. д-р Станислава Пеева; гл. ас. д-р Маргарита Маринова

Връзка към видеообяждането: <https://meet.google.com/hoc-hgfr-qpr>

Доклади	
13.10 ч.	Nadezhda Petkova , Tatyana Bileva, Ekaterina Valcheva, Galya Dobrevska, Neli Grozeva and Vladislav Popov A Comparative Study of Phenolic Content in Florina Apple Fruits from Conventional and Organic Orchards University of Food Technologies
13.20 ч.	Y. Yankov , D. Georgiev, P. Iliev, A. Tonev, S. Arangelov, K. Valchev Infestation with protostrongylides of Chamois in Rila National Park. Preliminary data Faculty of Agriculture, Trakia University
13.30 ч.	Albena Merdzhanova , Veselina Panayotova, Katya Peycheva, Rositsa Stancheva, Diana A. Dobрева, Lubomir Makedonski Proximate composition of commercial shellfish from the Black Sea (Bulgaria) Медицински университет - Варна
13.40 ч.	Albena Merdzhanova , Katya Peycheva, Veselina Panayotova, Rositsa Stancheva, Diana A. Dobрева, Lubomir Makedonski Nutritional indices for assessing risk-benefits from Black Sea shellfish consumption Медицински университет - Варна
13.50 ч.	Десислава Тотева , Петър Маринов, Росица Микова, Румен Попов Регионален суровинен потенциал за производство на полски култури в България Институт по аграрна икономика
14.00 ч.	Соня Узунова , Елица Петрова-Павлова Biodiversity of the macrozoobenthos in the area Albena-Shkorpilovtsi (the Black Sea) Институт по рибни ресурси - Варна
14.10 ч.	Dyana Dermendzhieva , Georgi Beev, Lubov Plescutsa, Gergana Kostadinova, Georgi Petkov Investigation of the effect of organic liquid plant biostimulant from WWTP sludges on spring vegetables Faculty of Agriculture, Trakia University
14.20 ч.	Neli Grozeva , Stefka Atanassova Morphological and karyological study of Suaeda maritima (L.) Dum. in Bulgaria Faculty of Agriculture, Trakia University
14.30 ч.	Mariya Zhelyazkova A brief review of studies of species of Rosa L. Faculty of Agriculture, Trakia University



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14.40 – 15.00 ч.	Дискусия/Discussion
	Постери
15.00 ч.	Toncho Dinev , Milena Tzanova, Katya Velichkova, Georgi Beev Antimicrobial activity of methanolic extracts from <i>Acorus calamus</i> , <i>Chlorella vulgaris</i> , <i>Lemna minuta</i> and <i>Scenedesmus dimorphus</i> 1Department of Biochemistry, Microbiology and Physics, Faculty of Agriculture, Trakia University, 6000 Stara Zagora, Bulgaria
15.05 ч.	Milena Tzanova , Toncho Dinev, Katya Velichkova, Georgi Beev Antioxidant activity of methanolic extracts from <i>Acorus calamus</i> , <i>Chlorella vulgaris</i> , <i>Lemna minuta</i> and <i>Scenedesmus dimorphus</i> Department of Biochemistry, Microbiology and Physics, Faculty of Agriculture, Trakia University, 6000 Stara Zagora, Bulgaria
15.10 ч.	Vesela Yancheva , Iliana Velcheva, Stela Stoyanova, Elenka Georgieva A pilot study on histochemical alterations in caged mussels from contaminated reservoirs in Bulgaria Plovdiv University, Faculty of Biology
15.15 ч.	Dian Georgiev , Atanas Mikov & Dilian Georgiev Concentration of heavy metals in Eastern European hedgehogs (<i>Erinaceus roumanicus</i> Barrett-Hamilton, 1900) in Bulgaria Faculty of Agriculture, Trakia University
15.20 ч.	Gergana Kostadinova , Georgi Petkov, Diyana Dermendzhieva Treated municipal wastewater for irrigation: Benefits and risks - A review Faculty of Agriculture, Trakia University
15.25 ч.	E. Valkova , V. Atanasov, T. Vlaykova, T. Tacheva, Y. Zhelyazkova, D. Dimov, K. Yakimov The relationship between the content of heavy metals Cd and Cu in some components of the environment and the manifestation of COPD. Agriculture Faculty, Trakia University, Department of Biochemistry, Microbiology and Physics, Stara Zagora (Bulgaria)
15.30 ч.	E. Valkova , V. Atanasov, T. Vlaykova, T. Tacheva, Y. Zhelyazkova, D. Dimov, K. Yakimov The relationship between the content of heavy metals Pb and Zn in some components of the environment and the manifestation of COPD Agriculture Faculty, Trakia University, Department of Biochemistry, Microbiology and Physics, Stara Zagora (Bulgaria)
15.35 ч.	Tatyana Bileva , Ekaterina Valcheva, Rada Popova, Galya Dobrevska, Manol Dallev, Vladislav Popov Effect of management practices on soil fauna in organic orchard in Plovdiv region Agricultural University of Plovdiv
15.40 ч.	T. Bileva , S. Yaneva, G. Gradev, S. Marin Overview of nest box types used by Lesser Kestrel (<i>Falco naumanni</i>) after being recovered as a breeder in Bulgaria. Agricultural University of Plovdiv
15.45 ч.	Vladimir Ilinkin, Milena Nikolova, Boryanka Traykova, Strahil Berkov, Marina Stanilova



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	Pyrethrins in capitula of <i>Tanacetum cinerariifolium</i> plants derived from in vitro selected clones Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences
15.50 ч.	Asya Kozhuharova, Rumen Denev, Strahil Berkov, Marina Stanilova Glycyrrhizin content in wild-growing and cultivated <i>Glycyrrhiza glabra</i> plants originating from Bulgarian populations Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences
15.55 ч.	Iva Doycheva Effects of drought stress induced by PEG 6000 on the germination and seedlings of <i>Chelidonium majus</i> L. Institute of Biodiversity and Ecosystem Research - BAS
16.00 ч.	Мария Герджикова , Мима Тодорова, Нели Грозева, Ана Добрева, Надежда Петкова / Mariya Gerdzhikova , Mima Todorova, Neli Grozeva, Ana Dobрева, Nadezhda Petkova " Химичен състав, „in vitro“ газ продукция и относителна фуражна стойност на отработените цветове на <i>Rosa damascena</i> Mill. / Chemical composition, “in vitro” gas production and relative feed value of waste flowers of <i>Rosa damascena</i> Mill. Faculty of Agriculture, Trakia University
16.05 ч.	Daniela Klisarova , Dimitar Gerdzhikov, PhD Marine algae – benefits and potential health hazards Институт по Рибни Ресурси - Варна/ССА/
16.10 ч.	Dimitar Gerdzhikov, Daniela Klisarova Transparency of the waters along the Bulgarian Black Sea coast Институт по рибни ресурси - Варна /ССА/
16.20 – 16.40 ч.	Дискусия/Discussion



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Section 4. Agricultural Techniques and Technologies**

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Chairman: Assoc. Prof. Kuncho Peichev, PhD

Зам.-Председател: доц. д-р Ваня Димова

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Връзка към видеообяждането: <https://meet.google.com/ogy-gzhc-nhe>

Доклади	
13.10 ч.	Galina Dineva , Kancho Peychev, Dimitar Georgiev Pulsation characteristics of new and used milking liners with round cross section Trakia university
13.20 ч.	Dimitar Georgiev , Galina Dineva Modeling of technological operations in "Parallel" milking parlor Trakia University
13.30 ч.	Galina Dineva Comparative study of the pulsation phases of a milking unit in laboratory and practical conditions Trakia Univesity
13.40 ч.	Dimitar Georgiev Analysis of the input-output operations during the milking process for a hall type "Parallel" with a capacity of 2x24 .Tarkia University
13.50 – 14.10 ч.	Дискусия/Discussion
Постери	
14.10 ч.	Galin Tihanov & Galya Hristova Operational characteristics of a machine-tractor unit for direct sowing of barley using the JD LINK telematics system.Trakia University – Stara Zagora
14.15 ч.	Teodora Petrova Application of unmanned aircraft drones in contemporary agrotechnologies Trakia University, Stara Zagora, Bulgaria
14.20 ч.	Galya Hristova , Manol Dallev and Galin Tihanov Design parameters of furrow forming and compacting roller of the combined seeder STS -80Тракийски университет - Стара Загора
14.25 ч.	Galya Hristova and Petya Veleva Monitoring the technology of wheat production under different climatic conditions and the influence of some technological operations on its yield. Тракийски Университет- Стара Загора
14.30 ч.	Vanya Dimova , Petya Veleva Investigation of connections between some technological and architectural-construction parameters of four-row buildings for free rearing of cows. Trakia University
14.40 – 115.00 ч.	Дискусия/Discussion



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Секция 5. “ Студенти и докторанти ”
Section 5. Students and PhD students

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Доклади	
13.10 ч.	R. Petrov , Y. Andonova, Y. Gancheva, Ivaylo Klisurov Implications of captive breeding for the reintroduction of the Saker Falcon (<i>Falco cherrug</i>) in Bulgaria Trakia University, Student’s campus, 6000 Stara Zagora, Bulgaria
13.20 ч.	Radomira Velichkova , Mima Todorova, Stefka Atanassova, Nikolai Takuchev, Neli Grozeva Annual and seasonal variation of NDVI and their relationship with soil temperature for the South-Eastern part of Bulgaria Faculty of Agriculture, Trakia University
13.30 ч.	Stanislava P. Peeva, Dilian G. Georgiev, Krasimir B. Kirilov European badger (<i>Meles Meles Linnaeus</i> , 1758) preferences to the terrain exposure for digging dens in Southeastern Bulgaria Тракийски университет, Аграрен факултет
13.40 ч.	Христо Иванов , Н. Русенова, И. Цачев Проучвания върху ефекта от ограничаване на пилото през есенно-зимния период върху нивата на VtG в хемолимфа на пчели работнички / Studies on the effect of brood interruption during the autumn-winter period on the levels of VtG in the hemolymph of worker honey bees ССА-София, ИЖН-Костинброд
13.50 ч.	Todorka Srebcheva , Milena Kostova Cultivation of non-pungent and pungent peppers (<i>Capsicum</i> spp.) in close vicinity, without probability the sweet peppers to acquire a hot taste Катедра „Физиология на растенията, Биохимия и Генетика“, Аграрен Университет – Пловдив, България/ Department “Plant Physiology, Biochemistry and Genetics”, Agricultural University – Plovdiv, Bulgaria
14.00 ч.	Melis Yilmaz , İlknur Ak, Gülen Türker Mineral Contents in Brown Seaweed <i>Colpomenia sinuosa</i> for Human Consumption Çanakkale Onsekiz Mart University, Department of Marine Science and Inland Waters, School of Graduate Studies, Terzioğlu Campus, Çanakkale, TURKEY
14.10-14.30	Дискусия/Discussion
Постери	
14.30 ч.	Petar Nikolov , Grozi Delchev



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	Changes in photosynthetic activity and productivity of durum wheat (<i>Triticum Durum</i> Desf.) under the influence of certain preparations and various terms of sowing Faculty of Agriculture, Trakia University
14.35 ч.	Argir Zhivondov, Sashka Savchovska, Svetla Pandova, Dorina Petkova , Pavlina Doykina, Ivan Manolov Biometric data of peaches' and nectarines' fruit and stones University of Food Technologies
14.40 ч.	Dorina T. Petkova , Dasha Sp. Mihaylova The endemic plants - a valuable resource with vast potential in Bulgaria (a brief overview) University of Food Technologies
14.45 ч.	Emine Saralieva , Ivan Ivanov, Nadezhda Petkova Evaluation of fructan and sugar content in three representatives from <i>Carlina</i> genus УХТ Пловдив
14.50 ч.	М. Стойнов , Д. Димов, Т. Пенев, И. Маринов, Ч. Митева и Ю. Митев/ M. Stoynov , D. Dimov, T. Penev, I. Marinov, Ch. Miteva and J. Mitev Температурно-влажностни условия на работа в доилна зала за крави/ Temperature-humidity working conditions in a milking parlor for cows Faculty of Agriculture, Trakia University
14.55 ч.	М. Stoynov , D. Dimov, T. Penev, I. Marinov, J. Mitev and Ch. Miteva Carbon dioxide levels in the working environment of a cow milking parlor Faculty of Agriculture, Trakia University
15.00 ч.	Христо Иванов Разработване на метод за определяне готовността за зимуване на пчели работнички базиран на нивата на VtG в хемолимфата / Development of a method for determining the wintering of worker bees based on the levels of VtG in the hemolymph ССА-София, ИЖН-Костинброд
15.05 ч.	V. Ivanova , G. Gradev, S. Yaneva, S. Marin, T. Bileva Lesser Kestrel (<i>Falco naumanni</i>) diet overview in Bulgaria. Agriclutal University of Plovdiv
15.10 ч.	Vanya Boneva Studies on the Bulgarian representatives of the family <i>Chenopodiaceae</i> s.str. (<i>Amaranthaceae</i> sensu APG): a review Trakia University
15.15	Georgi Raikov ARIETAL SUSCEPTIBILITY OF CHICKPEAS (<i>CICER ARIETINUM</i> L.) TO HERBICIDES Agrarian University
15.20-15.40 ч.	Дискусия/Discussion



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