



ТРАКИЙСКИ УНИВЕРСИТЕТ
АГРАРЕН ФАКУЛТЕТ
СТАРА ЗАГОРА

НАУЧНА КОНФЕРЕНЦИЯ С МЕЖДУНАРОДНО УЧАСТИЕ:

„Аграрни науки и бизнес“
26-27 май 2022 г.
гр. Стара Загора, България



SCIENTIFIC CONFERENCE WITH INTERNATIONAL
PARTICIPATION:

“Agricultural sciences and business”
26-27 May 2022
Stara Zagora, Bulgaria



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ПРОГРАМА
PROGRAMME

Аграрен факултет, Тракийски университет
Faculty of Agriculture, Trakia University

26 МАЙ 2022

26 MAY 2022

09.00-10.15 ч/ч - Регистрация/Registration

10.15-11.00 ч/ч - Откриване на конференцията/Opening of the conference

11.00-11.20 ч/ч - Пленарна сесия/Plenary session

“The development of ruminant meat production in the world”
Jean-François HOCQUETTE, INRAE, France

11.20 -11.40 ч/ч - Дискусия/Discussion

12.00-13.00 ч/ч - Обяд

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

Секция 1. “Животновъдни науки”

Section 1. Animal Science.....2

Секция 2. “Растениевъдни науки”

Section 2. Crop science.....3

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

Section 3. Ecology, Environment, Food quality.....6

Секция 4. “Аграрна техника и технологии”

Section 4. Agricultural Techniques and Technologies.....8

Секция 5. “Студенти и докторанти”

Section 5. Students and PhD students.....10

16.00-16.30 ч/ч - Кафе пауза/Coffee break

20.00 ч/ч - Коктейл/Cocktail party

27 МАЙ 2022

27 MAY 2022

10.⁰⁰ч/ч - Социални събития, срещи, посещение на Тракийски университет,
центъра на града, и т.н. /Social events including meetings, visit to Trakia University, the
city centre, etc.



ТРАКИЙСКИ УНИВЕРСИТЕТ АГРАРЕН ФАКУЛТЕТ СТАРА ЗАГОРА

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

Секретари: гл. ас. д-р Иван Пенчев; гл. ас. д-р Елица Вълкова

Доклади	
13.00 ч.	Marie Haskell , Mark Rutter and Laura Shewbridge-Carter Assessing space for lying and cubicle surfaces for dairy cows using choice tests SRUC (Scotland's Rural College)
13.10 ч.	Nadya Bozakova , Veselin Ivanov SILYBUM MARIANUM PRODUCTS AS A DIETARY SUPPLEMENT IN CATTLE REARING Тракийски университет, Ветеринарномедицински факултет
13.20 ч.	Maya Popova, Gradimir Gradev , Pavlin Zhelev Potentialities for using certain modern technologies for the tracking and monitoring of free-roaming horses Agricultural University - Plovdiv
13.30 ч.	Hristo Dimitrov Lameness in Dairy cows
13.40- 14.00 ч.	Дискусия/Discussion
Постери	
14.00 ч.	Rositsa Shumkova Improving the productivity and viability of the bee colonies during the spring feeding with the addition of Microveda Care Apis Research Centre of Stockbreeding and Agriculture - Smolyan
14.05 ч.	Rumen Bazitov, Milena Mihaylova, Gancho Ganchev Influence of nitrogen fertilization on the energy value of maize grain in non- ruminants Тракийски университет, Аграрен факултет
14.10 ч.	Pirgozliev, V , Johnson, EA, Whiting, IM, Mansbridge, S, Rose, SP, Yovchev, D, Kljak, K, Drijfhout, F, Atanasov, AG Effect of dietary xylanase and inulin on caecal short chain fatty acids production and antioxidant status in broilers fed with high or low viscosity diets and reared at two different temperatures NIPH, Harper Adams University
14.15 ч.	G. Ganchev , T. Slavov, K. Nedelkov Effect of different physical form of calf starter feed on some rumen parameters Тракийски университет, Аграрен факултет
14.20 ч.	Nadezhda Petrova , Georgi Aleksiev, Nadka Kostadinova Digitization in the planning of deliveries for optimization of stocks in animal husbandry Trakia University, Faculty of Economics



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14.25 ч.	Evgeniya Achkakanova, Ivan G. Penchev Carcass qualities of lambs of the Ile de France breed Institute of Animal Sciences – Kostinbrod
14.30 ч.	Maya Popova, Gradimir Gradev Analysis of some behavioral reactions of Karakachan horses Аграрен университет – Пловдив
14.35 ч.	Ivelina Nedeva, Todor Slavov, Veselin Radev and Ivan Varlyakov Information technology application for monitoring of productive performance and welfare in livestock husbandry – a review Faculty of Agriculture, Trakia University
14.40 ч.	Todor Slavov, Ivelina Nedeva , Dimitur Panayotov, Veselin Radev, Radoslav Mihaylov, Rumen Binev and Ivan Varlyakov Effect of intensive and extensive production systems on blood morphology of Lacaune sheep Faculty of Agriculture, Trakia University
14.45- 15.05 ч.	Дискусия/Discussion

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: ас. д-р Станислава Атанасова; ас. Ферихан Емурлова

Доклади	
13.00 ч.	Lyuba Nenova, Maya Benkova, Tsetska Simeonova, Irena Atanassova Relationship between mineral fertilization, plant macro- and microelement concentration and yield of wheat (<i>Triticum aestivum</i> L.) ИПАЗР "Н. Пушкиров", София
13.10 ч.	Hristo Stoyanov Bulgarian triticale cultivars, characterized by high yield of silage mass and high stability in contrasting environmental conditions Dobrudzha Agricultural Institute - General Toshevo
13.20 ч.	Hristo Stoyanov Productivity and stability of Bulgarian triticale cultivars under different forms of fertilization and contrasting environmental conditions Dobrudzha Agricultural Institute - General Toshevo
13.30 ч.	Zornitsa Petrova, Hristo Stoyanov Effect of treatment with foliar herbicides in cultivars triticale (<i>Triticosecale</i>) on the weed infestation Добруджански земеделски институт – Генерал Тошево
13.40 ч.	Zornitsa Petrova, Hristo Stoyanov Effect of application of foliar herbicides on the productivity and physical parameters of cultivars triticale (<i>Triticosecale</i>)



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	Добруджански земеделски институт - Генерал Тошево
13.50-14.10 ч.	Дискусия/Discussion
Постери	
14.10 ч.	Grozi Delchev Efficacy of herbicides, herbicide combinations and herbicide tank mixtures on lentil (<i>Lens culinaris</i> Medik.) Тракийски университет, Аграрен факултет
14.15 ч.	Grozi Delchev Changes in the durum wheat over-ground parts (<i>Triticum durum</i> Desf.) by influence of some antibroadleaved herbicides Тракийски университет, Аграрен факултет
14.20 ч.	Veselina Badzhelova Investigating the possibilities for callus induction from oil-bearing rose in vitro condition Институт по розата и етеричномаслените култури
14.25 ч.	Татяна Йончева, Анатоли Илиев, Ферихан Емурлова Influence of the vine rootstock on the agrobiological and technological characteristics of the Kailashki Rubin variety Тракийски университет, Аграрен факултет
14.30 ч.	Нели Проданова-Маринова, Йорданка Белберова, Ферихан Емурлова Primary bud necrosis in vine propagation material Тракийски университет, Аграрен факултет
14.35 ч.	Vilina Petrova Control of plum fruit moth <i>Cydia</i> (<i>Grapholitha</i>) <i>funebrana</i> in organic plum production Институт по земеделие, Кюстендил
14.40 ч.	Vilina Petrova, Stanislava Dimitrova, Dimitar Sotirov Productive manifestations of apple cultivars and hybrids and sensitivity to <i>Cydia</i> (<i>Laspeyresia</i>) <i>pomonella</i> (L.) Институт по земеделие, Кюстендил
14.45 ч.	Antoniya Stoyanova, Rumen Bazitov Influence of irrigation and biophysical coefficients on cotton Аграрен факултет, Тракийски университет
14.50 ч.	Rumen Bazitov, Antoniya Stoyanova Economic efficiency of weed control at sudan grass Аграрен факултет, Тракийски университет
14.55 ч.	Dimitar Yorgov, Stefka Atanassova, Stanislava Atanassova, Petya Veleva, Mima Todorova Evaluating of 24 spectral vegetation indices for discrimination of strawberry varieties Аграрен факултет, Тракийски университет
15.00 ч.	Georgi Aleksiev, Dora Doncheva Factors determining the competitiveness of grain production and opportunities for their digital optimization Trakia University, Faculty of Economics



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15.05 ч.	A. Lyubanova , M. Nikolova and S. B. Slavov Impact of <i>O. vulgare</i> subsp. <i>hirtum</i> extracts, fractions and essential oil on economically important plant pathogens on soybean (<i>Glycine max</i>) Агробиоинститут, ССА
15.10 ч.	Marina Stanilova , Boryanka Traykova, Vladimir Plinkin Establishment of ex situ collection of in vitro selected clones of <i>Tanacetum cinerariifolium</i> (Asteraceae) Institute of biodiversity and ecosystem research, Bulgarian Academy of Sciences
15.15 ч.	Maria Petrova , Valentina Encheva Distribution and race composition of Downy Mildew (<i>Plasmopara halstedii</i>) in the Republic of Bulgaria in the period 2018-2021 Държавен земеделски институт - гр. Ген. Тошево
15.20 ч.	Milena Nikolova , Slavtcho Slavov, Aneta Lyubanova Selected plant extracts as perspective inhibitors on mycelium growth of phytopathogens Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences
15.25 ч.	Milena Nikolova , Iva Doycheva, Boryanka Traykova, Ina Aneva Phenolic compounds of in vitro micropropagated and ex vitro adapted plants of Balkan endemic <i>Thymus longedentatus</i> Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences
15.30 ч.	Liiana Petrova, Silviya Ivanova , Svetlana Stoyanova, Ralica Mincheva, Peter Nikolov, Milena Pavlova Influence of biostimulants and humic acids in the treatment of rapes on the fatty acid composition of seeds Institute of Cryobiology and Food Technology, Sofia
15.35 ч.	Georgi Georgiev Study on the effect of the trait plant height (heterosis, type of inheritance) on the seed yield from oilseed sunflower (<i>Helianthus annuus</i> L.) Добруджански земеделски институт-гр. Г. Тошево
15.45 ч.	Анатоли Джурмански , Десислава Ангелова Възможности за вегетативно размножаване на градински чай (<i>Salvia officinalis</i> L.) Институт по розата и етеричномаслените култури гр.Казанлък
15.50 ч.	Roksana Mineva, Vinelina Yankova, Nikolay Valchev Botanical insecticides for the pests management in tomato grown in cultivation facilities Аграрен факултет, Тракийски университет
15.55 ч.	Svetla Pandova, Dasha Mihaylova , Aneta Popova, Sashka Savchovska, Argir Zhivondov Dynamic biometric data, total soluble solids, ash content, firmness, and color characteristics of two peach varieties University of Food Technologies
16.00 ч.	Violeta Peeva , Gergana Mihailova, Maria Geneva, Elisaveta Kirova, Daniel Ilkov, Zlatina Uhr, Evgeniy Dimitrov, Radoslav Chipilsky, Violeta Velikova, Katya Georgieva Comparison of drought tolerance of three wheat cultivars



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	Институт по физиология на растенията и генетика, БАН
16.05 ч.	Krastena Nikolova , Galia Gentsheva, Aleksandar Pashev Fluorescence spectra and chemical composition of cold-pressed sunflower oils with exotic additives Медицински университет Варна
16.10 ч.	Tatyana Bileva , Nadezhda Petkova, Ekaterina Valcheva, Galya Dobrevska, Neli Grozeva, Mima Todorova, Manol Ognyanov, Vladislav Popov NUTRITIONAL PROPERTIES OF APPLE "FLORINA" Аграрен университет - Пловдив
16.15 ч.	Mariyana Stoeva , Petyr Yankov Study on the effect of crop density and new fertilizer products on the development and productivity of sunflower hybrids Dobrudja Agriculture Institute
16.20-16.40 ч.	Дискусия/Discussion

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: проф. д-р Евгений Райчев

Секретари: гл. ас. д-р Маргарита Маринова; гл. ас. д-р Дияна Дерменджиева

Доклади	
13.00 ч.	Vesela Yancheva , Elenka Georgieva, Stela Stoyanova, Borislava Todorova, Eleonora Petkova, Dobrinka Todorova-Bambaldokova, Iliana Velcheva Bioaccumulation of PBDEs and its negative effects in Zebra mussel (<i>Dreissena polymorpha</i> Pallas, 1771) under laboratory exposure Plovdiv University "Paisii Hilendarski"
13.10 ч.	Toncho Dinev, Nikolina Rusenova, Katya Velichkova, Daniela Stoeva , Georgi Beev Antimicrobial potential of 11 <i>Lacticaseibacillus paracasei</i> strains isolated from mountain anthills Аграрен факултет, Тракийски университет
13.20 ч.	Albena Merdzhanova , Nadezhda Petkova, Veselina Panayotova, Diana Dobreva, Katya Peycheva, Gabriela Tsankova, Neli Ermenlieva Bioactive potential of extracts from Black Sea <i>Mytilus galloprovincialis</i> , <i>Chamelea gallina</i> and <i>Donax trunculus</i> Медицински университет - Варна
13.30 ч.	Svetoslava Terzieva , Neli Grozeva, Dessislava Dimitrova Morphological and Karyological Variation in <i>Amaranthus retroflexus</i> L. (<i>Amaranthaceae</i>) that occur in the Thracian Plan (Bulgaria)



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	Аграрен факултет, Тракийски университет
13.40 ч.	Mariya Zhelyazkova , Neli Grozeva, Svetlana Georgieva, Mima Todorova, Ana Dobreva Investigation of Genetic Diversity of Rosa Damascena Mill. accessions from The Rose Valley using ISSR markers Тракийски университет, Аграрен факултет
13.50-14.10 ч.	Дискусия/Discussion
Постери	
14.10 ч.	Dasha Mihaylova , Radka Vrancheva, Ivelina Desseva, Petko Denev, Albert Krastanov Influence of extraction method on different phytochemicals and antioxidant activity of Sambucus nigra flowers University of Food Technologies
14.15 ч.	Daniela Klisarova , Dimitar Gerdzhikov Structure of phytoplankton cenoses in Kaliakra protected area, summer 2020 - 2021 Institute of Fish Resources - Varna
14.20 ч.	Tatyana Bileva , Ekaterina Valcheva, Rada Popova, Galya Dobrevska, Manol Dallev, Slaveya Petrova Effect of management practices on soil microarthropods in conventional orchard in Plovdiv region Аграрен университет - Пловдив
14.25 ч.	Daniela Pencheva , Desislava Teneva, Petko Denev Validation of HPLC method for analysis of gamma-aminobutyric and glutamic acids in foods and medicinal plants ЛАББ - ПЛОВДИВ, ИОХЦФ, БАН
14.30 ч.	Manol Ognyanov , Petko Denev, Nadezhda Petkova, Zhana Petkova, Magdalena Stoyanova, Peter Zhelev, Georgi Matev, Desislava Teneva, Yordan Georgiev Nutrient composition and antioxidant properties of service tree (Sorbus domestica L.) fruits Institute of Organic chemistry with Centre of phytochemistry-BAS
14.35 ч.	Manol Ognyanov , Ani Petrova, Yordan Georgiev, Petko Denev, Nadezhda Petkova Polysaccharide constituents of service tree (Sorbus domestica L.) fruits Institute of Organic chemistry with Centre of phytochemistry-BAS
14.40 ч.	Dilyana Doneva , Liliana Brankova, Magda Pál, Violeta Peeva Photosynthetic performance of rocket salad (Eruca sativa) grown under different light quality Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences
14.45 ч.	Ana Dobreva , Ivaila Dincheva Subcritical extraction of Juniperus species – yield and chemical composition Institute for Roses and Aromatic Plantsq Kazanlak, Bg
14.50 ч.	Ana Dobreva , Mima Tododrova Microapparatus for distillation of lavender and other essential oil raw materials Институт по розата и ЕМЛК/Institute for Roses and Aromatic Plants



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14.55 ч.	Svetoslava Terzieva , Neli Grozeva, Dessislava Dimitrova Karyological variation in <i>Amaranthus hybridus</i> L. (Amaranthaceae) in Bulgaria Аграрен факултет, Тракийски университет
15.00 ч.	Elica Valkova , Vasil Atanasov, Milena Tzanova, Stefka Atanassova, Ivaylo Syrakov, Katya Velichkova, Margarita H. Marinova and Kristian Yakimov Symmetry/asymmetry in some ecological-biochemical aspects of the freshwater objects assessment for Pb and Zn pollution in the Stara Zagora industrial region, Bulgaria Аграрен факултет, Тракийски университет
15.05 ч.	Mariya Zhelyazkova , Svetlana Georgieva , Neli Grozeva Optimization of DNA isolation protocol and ISSR – PCR conditions in Rose genotypes Тракийски университет, Аграрен факултет
15.10 ч.	Nevena Shuleva , Neno Alexandrov Assessment of forest areas providing ecosystem water service in the South East Bulgaria University of Forestry
15.15- 15.30 ч.	Дискусия/Discussion

**Секция 4. “ Аграрна техника и технологии ”
Section 4. Agricultural Techniques and Technologies**

Председател. доц. д-р Кънчо Пейчев

Chairman. Assoc. Prof. Kuncho Peichev, PhD

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

Секретари: гл. ас. д-р Димитър Георгиев; гл. ас. д-р Петя Велева

Доклади	
13.00 ч.	Yanka Ivanova , Svetoslav Ivanov, Rossen Bojilov Romyana Panayotova Energy independent temperature sensor with fiber optic interface for application in agriculture Trakia University, Faculty of Agriculture
13.10 ч.	K. Peychev, G. Dineva Influence of frequency parameters on milk flow through the collectors of milking units for cows Trakia University, Faculty of Agriculture
13.20 ч.	K. Peychev, G. Dineva, D. Karastoyanov Alternative possibilities for pre-cooling milk during robotic milking of cows Faculty of Agriculture, Trakia University
13.30 ч.	Galin Tihanov Analysis of energy consumption indicators of grain harvesters for harvesting wheat Faculty of Agriculture, Trakia University
13.40 ч.	Radoslav M. Mihaylov , Dian T. Kanakov, Svetozar Krastev, Zheyne T. Zheleva Изследване ефикасността на полезен модел – „Дистанционен бутален



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	инжектор за ветеринарномедицинско приложение“ Аграрен Факултет, Тракийски Университет
13.50 ч.	Evgeni Kehayov, Georgi Komitov , Ivan Mitkov Options for reducing the heating costs of greenhouses for vegetables Agricultural University - Plovdiv
14.00 ч.	Georgi Komitov , Manol Dallev, Ivan Mitkov General approach for determining the total greenhouse gas emissions from conventional and robotic crop cultivation Agricultural University - Plovdiv
14.10 ч.	Vanya Dimova , Dimitar Georgiev, Galya Dineva, Petya Veleva Analysis of construction costs for steel frame structures in four-row buildings for cows with the same technological flexibility Faculty of Agriculture, Trakia University
14.20-14.40 ч.	Дискусия/Discussion
Постери	
14.45 ч.	Yanka Ivanova, Svetoslav Ivanov, Rosen Bozhilov ENERGY MANAGEMENT CONTROLLER ТУ - София, филиал Пловдив
14.50 ч.	Yanka Ivanova, Svetoslav Ivanov, Rossen Bojilov Principles of operation of energy management controller ТУ - София, филиал Пловдив
14.55 ч.	Dimitar Kehayov , Ivan Zahariev, Ilian Bojkov Electric drive to the sowing apparatus of the Saxonia A200 Seeder Аграрен университет - Пловдив
15.00 ч.	Dimitar Kehayov , Ilian Bojkov, Ivan Zahariev Influence of seed density and properties of the sowing apparatus on the amount of sown seeds Agricultural University - Plovdiv
15.05 ч.	Hristova G. , Veleva P. Extraction of Essential Oil from lavender variety „Seuthopolis" by Hidrodistillation according to the process duration Тракийски университет
15.10-15.30 ч.	Дискусия/Discussion



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Секция 5. “ Студенти и докторанти ”

Section 5. Students and PhD students

Председател. доц. д-р Радослав Михайлов
 Chairman. Assoc. Prof. Radoslav Mihaylov, PhD

Зам.-председател: доц. д-р Тончо Динев

Секретари: гл. ас. д-р Свилен Лазаров; гл. ас. д-р Желязко Събев

Доклади	
13.00 ч.	Rusko Petrov , Molly Vornholt, Yana Andonova, Dobry Yarkov, Andreana Dicheva Meal types and diet methodology for captive breeding and reintroduction of saker falcons (<i>Falco cherrug</i>) in Bulgaria СНЦ "Зелени Балкани - Стара Загора"; Тракийски университет
13.10 ч.	Radka Vlaeva , Sasho Sabev, Zhanina Ivanova Hematological Parameters In Endurance Horses Pre And Post 120 Km Race Faculty of Agriculture, Trakia University
13.20 ч.	Nikolay Tsandev , Alina Furduy , Genadi Kostadinov Embedding of biological objects in polyester resin when using different chemical agents Тракийски университет, Ветеринарномедицински факултет
13.30 ч.	Nikolay Tsandev , Maria Tsandeva , Genadi Kostadinov Embedding of anatomical topographic sections of horse limbs in polyester resin for permanent preservation, examination and training Тракийски университет, Ветеринарномедицински факултет
13.40 ч.	Desislava Tincheva Winter occupancy model of Roe deer (<i>Capreolus capreolus</i>) on Central Stara Planina Mts slopes, Bulgaria Тракийски университет, Аграрен факултет
13.50 ч.	Ивелина Недкова , Тончо Пенев, Димо Димов, Ивайло Маринов, Красимира Узунова, Юрий Митев, Чонка Митева, Мехмед Халил Проучване дейността на общинските приюти за безстопанствени кучета в гр. Стара Загора и гр. Казанлък Тракийски университет, Аграрен факултет
14.00 ч.	Радослав Михайлов, Красимир Кирилов Morphological study on hairs from mammalian predators in Bulgaria Аграрен Факултет, Тракийски Университет
14.10 ч.	Alexander E. Petrov , Krasimir B. Kirilov, Desislava I. Tincheva Circadian activity patterns of the Red fox (<i>Vulpes vulpes</i>) and the Stone marten (<i>Martes foina</i>) in protected area "Zlatiyata"(Northwestern Bulgaria) during autumn-winter period Пловдивски университет "Паисий Хилендарски"
14.20 ч.	Mustafa M. , Stefka S., Ivailo S. Effects of replacement of fishmeal, fish oil with other alternative protein sources in the feed on hydrochemical parameters growth performance in Russian sturgeon (<i>Acipenser gueldenstaedtii</i>) – Тракийски университет
14.30 ч.	Munir Ahmet TUNAR , F. Sertel SECER, Hijran YAVUZCAN YILDIZ Novel Technologies in The Diagnosis of Bacterial Fish Diseases



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	Department of Fisheries and Aquaculture, Ankara University, Faculty of Agriculture Ankara, Turkey
14.40 ч.	F. Sertel SECER, Cigdem URKU, Munir Ahmet TUNAR , Hijran Y.Yildiz Potential antimicrobial activity of chasteberry (vitex fruit) and ginger plant liquid extracts against vibrio anguillarum Department of Fisheries and Aquaculture, Faculty of Agriculture Ankara, Turkey
14.50 ч.	Elka Genova Models for tourism development Agricultural University Plovdiv
15.00 ч.	Vanya Boneva , Dessislava Dimitrova, Neli Grozeva Production of PELIN aromatized wine – state of play and modern trends Trakia University
15.10 ч.	Anton Kalenov , Dimitar Jeliakov, Dimitar Yorgov, Roksana Mineva, Nikolay Valchev, Galina Pevcharova, Mima Todorova, Stefka Atanassova NIR spectroscopy for non-destructive assessment of tomato quality Тракийски университет
15.20 ч.	Vania Skila , Vasilena Todorova, Stefka Atanassova, Stanislava Atanassova, Dimitar Yorgov, Mima Todorova Non-destructive assessment of ripeness and quality of strawberries Тракийски университет
15.30- 15.50 ч.	Дискусия/Discussion
Постери	
15.50 ч.	Atanas Bozhkov , Galin Nikolov, Cigdem Urku, Dimitrinka Zarpyanova, Alexander Atanasoff Effect Of Different Light Intensities On Prolactin And Cortisol Plasma Concentration In Farming African Catfish (Clarias Gariepinus) In Ras With Low-Water Exchange Аграрен факултет, Тракийски университет
15.55 ч.	T. Petkova , N. Shopov, I. Alexieva, D. Mihaylova Generating symptoms' spaces by wavelets for automatic classification of decocts of Ziziphus jujuba Mill. University of Food Technologies
16.00 ч.	I. Finkov , I. Alexieva Creating a new product with an expected health effect University of Food Technologies
16.05 ч.	Georgi Raykov Variety sensitivity of chickpeas (cicer arietinum l.) To herbicides, Agrarian University
16.10 ч.	Nelko Yordanov , Galin Nikolov, Elitsa Petrova-Pavlova, Veselina Mihneva A comparison of three types of methods used in white clam fishery, Fac. of Agriculture, Dept. Biology and aquaculture
16.15 ч.	Vanya Boneva , Dessislava Dimitrova, Neli Grozeva First ethnobotanical notes on the aromatized PELIN wine from Zmeyovo village Trakia University
16.20 ч.	Pavlina Petrova, Lilyana Koleva Distribution and species composition of root-knot nematodes (Meloidogyne spp.) in greenhouse and field tomato production in Bulgaria Лесотехнически университет
16.25- 16.45 ч.	Дискусия/Discussion



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