

SECTION PROGRAM

Anniversary Scientific Conference with International Participation „80 Years Agricultural University– Plovdiv: Traditions Meet Innovations“

SECTION 1A: SUSTAINABLE PLANT PRODUCTION: AGRICULTURE

Faculty of Horticulture and Viticulture, 3rd floor, Room 333

28 October (Tuesday) 2025		
Time	Topic	Author(s) / Venue
13:30 -14:00	Impact of drought on basic agricultural indicators in interspecific forms of sunflower	Radostina Damyanova-Serbezoza, Miglena Drumeva, Daniela Valkova, Nina Nenova
14:00 -14:30	Peculiarities in breeding of winter barley under the conditions of Dobrudzha	Mihova Gallina
14:30 -15:00	The breeding of sunflower in Bulgaria - history, achievements and prospects. REVIEW ARTICLE	Nina Nenova, Daniela Valkova, Georgy Georgiev, Galin Georgiev
15:00 – 15:30	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:30 -16:00	Organic and biological fertilizers; effects on saffron (<i>Crocus sativus</i>) phenology and yield	Youssef Najib Sassine, Zeina El Sebaaly, Abdel Kader Haddara, Maria Badr, Nicolas Bitar, Teodor Nedelin
16:00 -16:30	Изследване на отзивчивостта към антерно култивиране на 40 европейски сорта зимна обикновена пшеница (<i>Triticum aestivum</i> L.)	Верка Алексиева, Галина Михова
16:30 -17:00	Integration of advanced methods, modeling approaches, and artificial intelligence in breeding for stability in common winter wheat	Hristo Stoyanov
18:00 – 19:00	A Glass of Wine for „Welcome!“	Rectorate

29 October (Wednesday) 2025		
Time	Topic	Author(s) / Venue
09:00 -09:30	Evaluation of two fluroxypyr-containing herbicidal	Aleksandar Atanasov,

	products for field bindweed (<i>Convolvulus arvensis</i> L.) control at silage maize	Nesho Neshev
09:30 -10:00	Chemical composition and phytotoxic effects of essential oils	Svetoslav, Stanimirov, Staykov
10:00 -10:30	Phenology and yield components of Duo System maize hybrids grown in crop rotation and as a monoculture	Hristiyana Hristova, Nesho Neshev
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -11:30	Evaluation of the harmfulness of the grass, broadleaf, and mixed weed infestation on agronomic traits of barley (<i>Hordeum vulgare</i> L.)	Mariyan Yanev, Anyo Mitkov, Iliyan Zhelyazkov, Cveta Moskova, Georgi Dimitrov
11:30 -12:00	Estimating the optimal nitrogen fertiliser application of sorghum [<i>sorghum bicolor</i> (L.) Moench] in the Bulgarian Thracian plain	Ivan Penov, Svetla Kostadinova, Ivan Velinov, Zivko Todorov
12:00 -13:00	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
13:00 -13:30	Application of plant biostimulants in tank mixture with imazamox-containing herbicidal products at Igrowth sorghum (<i>Sorghum bicolor</i> L.)	Svetoslav Totsev, Nesho Neshev
13:30 -14:00	Discussions	
14:30 – 15:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
19:30 – 22:30	Official Dinner	Grand Hotel Plovdiv, Restaurant Bendida

30 October (Thursday) 2025		
Time	Topic	Author(s) / Venue
09:00 -10:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -12:30	Poster Session	Faculty of Horticulture

		and Viticulture, 2 nd floor
12:30 -13:30	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
14:00 -16:30	Workshop on Calligraphy and Traditional Chinese Painting	Demonstration Zone of APACCCEEC
14:00 -16:00	"Plovdiv – Ancient and Eternal" – Walking Tour	

List of Posters	
Topic	Autor(s)
Possibilities for genetic improvement in peanuts <i>Arachis hypogaea</i> of some morphological traits related to yield and drought tolerance.	Станислав Стаматов, Иванка Карамфилова, Даниела Тончева, Манол Дешев
Study of the influence of foliar fertilizers on the yield elements of sunflower hybrids	Georgi Georgiev
Наблюдение на фенологичното и физиологично развитие на хибриди слънчоглед чрез изменение на NDVI индекса	Галин Георгиев
Possibility of determining yield stability in corn	Gift Mofokeng - PhD student, Krasimira Uzunova
Statistical Analysis of the Impact of Mineral Nitrogen and Phosphorus Fertilization on Productive and Morphological Traits in Maize (<i>Zea mays</i> L.) Grown as Monoculture	Petyo Dauldzhiev, Nikola Garkov, Nesho Neshev
Fertilizer of the Future - fertilisers enriched with microorganisms	Janusz Wilas, Paulina Rokicka-Konieczna, Eugeniusz Cydzik
Response of Promising Barley (<i>Hordeum vulgare</i> L.) Genotypes to Economically Important Phytopathogens	Vasileva, Silviya
Productivity and quality of common wheat varieties (<i>Triticum aestivum</i> L.) In the conditions of Alexandroupolis, Greece	Hristofor Kirchev, Theodora G. Lazaridou
Възможност за определяне смесимостта на различни ПРЗ с биологични препарати при отглеждане на царевица (<i>Zea mays</i> L.)	Красимира Узунова, Християна Христова, Нешо Нешев
Mixed cropping of Carinata and Triticale: Preliminary results of a trial form project CARINA	Nesho Neshev, Marina Marcheva
New herbicide solutions for weed control in sunflower	Todor Manilov
Efficacy and selectivity of pre-em herbicides for weed control in coriander (<i>Coriandrum sativum</i> L.)	Todor Manilov

SECTION 1B: SUSTAINABLE PLANT PRODUCTION: HORTICULTURE AND VITICULTURE

Faculty of Horticulture and Viticulture, 3rd floor, Room 325

28 October (Tuesday) 2025		
Time	Topic	Author(s) / Venue
13:30 -14:00	Effect of false codling moth (<i>Thaumatotibia leucotreta</i>) larval growth stages on ‘Midknight’ Valencia citrus fruit biochemical, and antioxidants	Shilombe Tess Mathonsi
14:00 -14:30	Sustainable Urban Farming as a Tool for Socio-Economic Resilience in Densely Populated Cities-Polokwane and Johannesburg Metros	Mmapatla Precious Senyolo
14:30 -15:00	Influence of different rootstocks and interstocks on the growth characteristics of the apricot cultivar Hargrand in a nursery	Тодор Донков
15:00 – 15:30	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:30 -16:00	Impact of climate conditions on some white wine varieties with increased resistance to fungal diseases and low winter temperatures	Веселин Иванов
16:00 -16:30	Effects of organic products containing humic acids on the photosynthetic performance and quality of the grape in climate change conditions	Христо Козаров
16:30 -17:00	Reproductive manifestations of the almond cultivar nonpareil budded on four rootstocks	Дейвид Димитров
17:00 -17:30	Comparative sustainability assessment of the EU farms in wine, fruit, vegetable, and field crops sectors	Веселин Кръстев
17:30 -18:00	Discussions	
18:00 – 19:00	A Glass of Wine for „Welcome!“	Rectorate

29 October (Wednesday) 2025		
Time	Topic	Author(s) / Venue
09:00 -09:30	Управление на паспортна база данни за колекциите от растителни генетични ресурси, съхранени в националната генбанка	Николая Велчева
09:30 -10:00	In vitro germination and development of phalaenopsis and dendrobium orchids	Светла Янчева

10:00 -10:30	Research on new promising annual onion varieties grown by direct sowing	Тодор Бабриков/ Виктория Тончева
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -11:30	Research on the influence of panatechnology on the development of promising tomato varieties grown in polyethylene greenhouses	Тодор Бабриков/Ивана Славкова
11:30 -12:00	Germination depth and biomass development of the weed jointed goatgrass (<i>Aegilops cylindrica</i> host)	Цветомир Коев
12:00 -13:00	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
13:00 -13:30	Comparative characteristics of the growth and productivity of garden peas at different cultivation periods	Димка Хайтова
13:30 -14:00	Effect of fertilization on the morphological characteristics, yield and seed quality of Strya ma and Hebar variety pepper	Георги Дочев
14:00 -14:30	Influence of lumbricompost–perlite substrate ratio on nutrient uptake, growth and productivity of greenhouse tomatoes (cv. Fado f1)	Костадин Костадинов
14:30 – 15:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:00 -15:30	Sound-induced growth and quality enhancement in lettuce	Стоян Филипов
15:30 -16:00	Роля на индивидуалните характеристики при възприемането на риска в овощарството	Росен Иванов
16:00 -16:30	Discussions	
19:30 – 22:30	Official Dinner	Grand Hotel Plovdiv, Restaurant Bendida

30 October (Thursday) 2025		
Time	Topic	Author(s) / Venue
09:00 -10:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor

11:00 -12:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
12:30 -13:30	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
14:00 -16:30	Workshop on Calligraphy and Traditional Chinese Painting	Demonstration Zone of APACCCEEC
14:00 -16:00	"Plovdiv – Ancient and Eternal" – Walking Tour	

List of Posters	
Topic	Autor(s)
Fertilizer of the future - fertilisers enriched with microorganisms	Janusz Wilas, Paulina Rokicka-Konieczna, Eugeniusz Cydzik
Fruit sensory evaluation and chemical composition of bulgarian plum cultivars, bred at the fruit growing institute-plovdiv	Daniela Angelova, Marieta Nesheva, Vanya Akova, Irina Staneva, Anton Yordanov
Effect of organic mulch types on the growth and yield of florida broadleaf (<i>Brassica juncea</i>)	Satekge Moyahabo Anna* Bopape-Mabapa Moshibudi Paulina
<i>Moringa oleifera</i> agrisilviculture system and fertilizer application on garden pea (<i>Pisum sativum</i>) productivity	Lydia Langa*, Paulina Bopape-Mabapa, Ashwell Ndhlala, 8Phesheya Dlamini
Plant diversity in home gardens by the local population on the northern black sea coast (Bulgaria).	Petya Atanasova*, Galina Yaneva
Nano micronutrients and organic soil amendments: a sustainable approach in soil-borne fungal diseases management under smallholder farming system	Kena MA ^{1,2*} , Molobela MT ^{1,2} , Ayisi KK ² , Phasa NN ³ , and Ntuli VA ^{1,2} .
New approaches for the development of the Phaseolus genus collection – application of good European practices	Valko Neshev, Nikolaya Velcheva

SECTION 2: PLANT PROTECTION, ORGANIC AGRICULTURE AND FOOD SAFETY

Faculty of Horticulture and Viticulture, 3rd floor, Auditory 8

28 October (Tuesday) 2025		
Time	Topic	Author(s) / Venue
13:30 -14:00	Nano micronutrients and organic soil amendments: A sustainable approach in soil-borne fungal diseases management under smallholder farming system	Mapotso A Kena, Mpho T Molobela, Kwabena K Ayisi, Nkateko N Phasa, Vafana A Ntuli
14:00 -14:30	Agroprocessing of Moringa	Ashwell R Ndhlala
14:30 -15:00	Organic hazelnut production in bulgaria: potential, challenges, and development prospects	Nikolay Stanchev, Anna Karova, Daniela Atanasova, Elica Blagoeva
15:00 – 15:30	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:30 -16:00	Effectiveness of the Predatory Bug <i>Macrolophus pygmaeus</i> in the Control of the Greenhouse Whitefly – <i>Trialeurodes vaporariorum</i>	Anna Karova, Teodora Ilieva-Pencheva
16:00 -18:00	Poster Session 1	Faculty of Horticulture and Viticulture, 2 nd floor
18:00 – 19:00	A Glass of Wine for „Welcome!“	Rectorate

29 October (Wednesday) 2025		
Time	Topic	Author(s) / Venue
09:00 -09:30	Проучване влиянието на хербицидни комбинации върху заплевеляването, селективността и добива на слънчогледови хибриди	Зорница Петрова, Георги Георгиев
09:30 -10:00	Study of new hosts of the sunflower broomrape (<i>Orobancha cumana</i>)	Maria Petrova, Hristo Stoyanov
10:00 -10:30	Approaches to Enhancing Agrobiodiversity in Greenhouse Pepper Production and Their Role in Integrated Pest Management: Current Practices and Perspectives	Anna Karova, Teodora Ilieva-Pencheva

10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -11:30	Bacillus mycoides Inoculation on Growth and Development of Maize (Zea mays L.)	Vania Popova, Stefan Shilev, Mariana Petkova, Ivelina Neykova
11:30 -12:00	Tackling Climate Change Through the Prism of EU Laws and Regulations	Atanaska Gerova
12:00 -13:00	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
13:00 -14:30	Poster Session 2	Faculty of Horticulture and Viticulture, 2 nd floor
14:30 – 15:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:00 -17:00	Poster Session 2	Faculty of Horticulture and Viticulture, 2 nd floor
19:30 – 22:30	Official Dinner	Grand Hotel Plovdiv, Restaurant Bendida

30 October (Thursday) 2025		
Time	Topic	Author(s) / Venue
09:00 -10:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -12:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
12:30 -13:30	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
14:00 -16:30	Workshop on Calligraphy and Traditional Chinese Painting	Demonstration Zone of APACCCEEC
14:00 -16:00	"Plovdiv – Ancient and Eternal" – Walking Tour	

List of Posters	
Topic	Author(s)
<u>Poster Session 1</u>	
Review of the control measurements against flat-headed root-borer <i>capnodis tenebrionis</i> L. (Coleoptera: Buprestidae)	Mariya Hristozova, Marieta Nesheva, Daniela Angelova, Kaloyan Grozev, Leyda Todorova, Pavlin Vasilev
Application of biological products to enhance resistance and yield in greenhouse pepper cultivation	Nataliya Karadzhova
Influence of agrometeorological conditions and cytoplasm type on disease resistance in different maize genotypes	Biserka Valentinova Hinkina, Natalia Hristova Petrovska
Study of diseases in organic potato cultivation in mixed crops	Nataliya Karadzhova, Tsvetanka Dintcheva
The genus <i>Bacillus</i> as a promising biological control agent for sustainable crop protection	Daniela Todevska. Natalija Atanasova- Pancevska
A seaweed extract increases fruit-set and yield, remodulates primary metabolism, and alleviates heat stress in tomato (<i>S. lycopersicum</i>)	Mihail Angelov, Valentina Ivanova, Sujeeth Neerakkal, Veselin Petrov and Tsanko S. Gechev
<u>Poster Session 2</u>	
Resistance of local and foreign maize populations to two fusarium species – causal agents of ear rot under controlled and natural infection conditions	Vanesa Hinkina, Yuliana Yordanova
First record of the citrus whitefly, <i>Dialeurodes citri</i> (Ashmead, 1885) (Hemiptera: Aleyrodidae), in Bulgaria	Emiliya Boykova Chervenkova, Atanaska Radeva Stoeva
Study of weeding in areas with common bean (<i>Phaseolus vulgaris</i> L.) in Eastern Bulgaria	Ivaylo Dinkov, Mariyan Yanev
Modern approaches to reducing the damage caused by <i>drosophila</i>	Ivan Arabadzhiev,

<i>suzukii</i> (Matsumura) in strawberries	Nedyalka Palagacheva
Study on soil herbicides for weed control in tomatoes (<i>Solanum lycopersicum</i> L.)	Mariyan Yanev Yanev, Nikolina Georgieva Shopova
Multi-Elemental Analysis of Bulgarian Polyfloral Honey	Violina Angelova
Comparative field evaluation of a native <i>Beauveria bassiana</i> strain and the commercial product <i>naturalis</i> ® for the control of <i>Macrosiphum rosae</i>	Maryana Petkova, Rumyana Georgieva, Tsvetelina Dyakova
Sensitivity of durum wheat varieties to some herbicides for grass weeds control	Mariyan Yanev, Lyubka Koleva-Valkova, Silviya Vasileva, Anyo Mitkov, Maya Dimitrova, Nesho Neshev, Todor Manilov, Yordan Yordanov, Todorka Srebcheva, Kiril Marinkov, Hristiyana Hristova
Possibilities for controlling aphids (Hemiptera:Sternorrhyncha) on tomatoes and cucumbers grown under greenhouse conditions	Keletso Nickolas Mofokeng, Dima Markova

SECTION 3: ENVIRONMENTAL PROTECTION, NATURAL RESOURCES MANAGEMENT AND AGROECOLOGY

Faculty of Horticulture and Viticulture, 1st floor, Auditory 6;

28 October (Tuesday) 2025		
Time	Topic	Author(s) / Venue
13:30 -14:00	Bioremediation of non-essential toxic elements using indigenous microbes in soil following irrigation with treated wastewater	Kekana, Itumeleng, Kgopa, Pholosho, Munjonji, Lawrence
14:00 -14:30	Sample size and culture media effects on PET (polyethylene terephthalate) biodegradation using <i>Pleurotus ostreatus</i>	Chloé Tannoury, Zeina El Sebaaly, Maria Badr, Youssef Najib Sassine, Teodor Nedelin, Nevena Shuleva
14:30 -15:00	First trial to biodegrade LDPE plastic samples using <i>P. ostreatus</i> mushroom in Lebanon	Zeina El Sebaaly, Chloé Tannoury, Nicolas Bitar, Milena Yordanova, Youssef Najib Sassine, Teodor Nedelin
15:00 – 15:30	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:30 -16:00	LifeWatch ERIC, the e-Science Infrastructure on Biodiversity and Ecosystems Research	Christos Arvanitidis, Alberto Basset, Peter van Tienderen, Lucas de Moncuit, Cristina Isabel Huertas Olivares
16:00 -16:30	Regenerative agriculture and conservation practices: Economic and environmental effects in modern crop production	Stefan M. Angelov, Vesela P. Angelova
16:30 -17:00	Monitoring the state of the Elshishka and Medetska Rivers from the Topolnitsa River Sub-basin	Petya Georgieva Zaharieva, Radoslava Georgieva Zaharieva, Diana Atanasova Kirin, Marian Stoyanov Varbanov, Gergana Ilieva Metodieva

18:00 – 19:00	A Glass of Wine for „Welcome!“	Rectorate
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29 October (Wednesday) 2025		
Time	Topic	Author(s) / Venue
09:00 -09:30	Satellite tracking of White storks originating from Bulgaria.	<u>Gradimir Gradev</u> , Dimitar Popov, Rusko Petrov, Elena Kmetova – Biro, Irina Kirova.
09:30 -10:00	Comparative metagenomic analysis of soil microbial communities in oat and vetch monocultures versus intercropping systems.	<u>Ivelina Neykova</u> , Mariana Petkova, Stefan Shilev, Vanya Popova
10:00 -10:30	Satellite tracking of White storks originating from Bulgaria.	<u>Gradimir Gradev</u> , Dimitar Popov, Rusko Petrov, Elena Kmetova – Biro, Irina Kirova
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -11:30	Ironwort (<i>Sideritis syriaca</i> L.) and Pirin tea (<i>Sideritis scardica</i> Griseb.) – the Endangered Endemics of Bulgaria.	<u>Andrey Andreev</u> , Plamen Zorovski
11:30 -12:00	Ecosystem services provided by Ironwort (<i>Sideritis syriaca</i> L.) from Strandzha Mountain.	<u>Tatyana Bileva</u> , Ekaterina Valcheva, Plamen Zorovski, Gradimir Gradev, Nadezhda Petkova, Selçuk Aslan
12:00 -13:00	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
13:00 -13:30	Characterization of Energy Potential and Emission Properties of <i>Sida hermaphrodita</i> .	Maria Ihtyarova, <u>Violina Angelova</u>
13:30 -14:00	Effect of different fertilization types on Soil carbon dioxide emissions and Soil microbial communities of Sweet Corn.	<u>Tomova, T.</u> , Neykova, I., Vasileva. V., Dinev. N., Shilev S.
14:00 -14:30	Cultural ecosystem services provided by the mineral waters in town Pavel Banya Ecosystem services provided by Ironwort (<i>Sideritis syriaca</i> L.) from Strandzha Mountain	<u>Krasimir Minkov</u> , Tatyana Bileva, Ekaterina Valcheva
14:30 – 15:00	Coffee Break	Faculty of Horticulture

		and Viticulture, 1 st floor
15:00 -15:30	Soil Metal Contamination and Pollution Indices in the Vicinity of KCM Non-Ferrous Smelter, Plovdiv (Bulgaria).	Vera Koleva, <u>Violina Angelova</u>
15:30 -16:00	Dynamics in the number of wintering Waterbirds on the Pyasachnik Reservoir as a result of Climate change.	<u>Sevda Sharkova</u> , Gradimir Gradev, Tatyana Bileva
16:00 -16:30	Comparative study of Lemon Balm (<i>Melissa officinalis</i> L.) yield in organic and conventional Agroecosystems.	<u>Plamen Zorovski</u> , Tatyana Bileva, Ekaterina Valcheva, Nadezhda Petkova, Hristo Hristov
16:30 -17:00	Biodiversity and ecological assessment of the freshwater ecosystem of the Krumovitsa River.	<u>Nikolina Ilieva Ilieva</u> , Radoslava Georgieva Zaharieva, Petya Georgieva Zaharieva, Diana Atanasova Kirin, Marian Stoyanov Varbanov, Dimitrinka Binova Kuzmanova, Mariya Krasimirova Chunchukova, Gergana Ilieva Metodieva
17:00 -17:30	Biological monitoring of the Kayaliika and Mechka rivers based on the Biological Quality Element Macrozoobenthos.	<u>Diana Atanasova Kirin</u> , Radoslava Georgieva Zaharieva, Petya Georgieva Zaharieva, Ivan Dimitrov Velinov
19:30 – 22:30	Official Dinner	Grand Hotel Plovdiv, Restaurant Bendida

30 October (Thursday) 2025		
Time	Topic	Author(s) / Venue
09:00 -10:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -12:30	Poster Session	Faculty of Horticulture

		and Viticulture, 2 nd floor
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14:00 -16:30	Workshop on Calligraphy and Traditional Chinese Painting	Demonstration Zone of APACCCEEC
14:00 -16:00	"Plovdiv – Ancient and Eternal" – Walking Tour	

List of Posters	
Topic	Autor(s)
Environmental Protection, Natural Resources Management and Agroecology	<u>Ivaylo Angelov Iliev</u>
Variability in interspecific Sunflower hybrids for seed yield and some quantitative characters	<u>Daniela Valkova</u> , Nina Nenova
Drought hazard in Bulgaria under conditions of Climate change	<u>Mariyana Nikolova</u> , Miroslav Ivanov
Analysis of Climatic conditions and Macrofungal Diversity in the region of Central Balkan National Park (Stara Planina MTS, Bulgaria)	Maria Lacheva, <u>Desislava Slavcheva-Sirakova</u> , Tzenka Radoukova, Nadejda Shopova

SECTION 4: SUSTAINABLE ANIMAL HUSBANDRY

Faculty of Horticulture and Viticulture, 1st floor, Auditory 5

28 October (Tuesday) 2025		
Moderator: Prof. L. Nikolova, PhD; Secretary: Chief Assist. prof. M. Popova, PhD		
Time	Topic	Author(s) / Venue
13:30 - 13:45	Welcome speech by the Chairperson of the Section	Prof. L. Nikolova, PhD
13:45 - 14:15	Compact Pig Farming Operation That Integrates Various Tools to Enhance Management, Animal Welfare, Productivity and Sustainability.	Darko Veljanovski, Blagojce Najdovski, Elena Josevska, Daniel Simakoski, Vasko Veljanovski
14:15 - 14:45	Mastitis in Buffaloes by Virulence Gene of Staphylococcus Aureus.	Abid Hussain, Abdul Haseeb, Tanveer Ahmed, Mansur-Ud-Din Ahmad, Muhammad Hassan Mushtaq
15:00 – 15:30	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:30 - 16:00	Study on the Effective Population Size of the Rhodopean Shorthorn Cattle.	Svetoslav Nikolov
16:00 - 16:30	Influence of the Milker on Milkability of Cows of the Bulgarian Rhodope Cattle Breed.	Atanaska Zgurova, Vasil Nikolov
16:30 - 17:00	Precision Livestock Farming: Concepts and Future Perspectives	Svetozara Zaharieva, Dobri Dunchev
17:00 - 17:30	Discussion	
18:00 – 19:00	A Glass of Wine for „Welcome!“	Rectorate

29 October (Wednesday) 2025		
Moderator: Prof. L. Nikolova, PhD; Secretary: Chief Assist. prof. M. Popova, PhD		
Time	Topic	Author(s) / Venue
09:00 -09:45	Plenary report: OMICS Technologies in Animal Breeding	Prof. Vasil Nikolov
09:45 -10:30	Effect Of Algae Meal Inclusion Levels on Growth Performance and Blood Profiles of Indigenous Boschveld Chickens (с превод).	Makhutsisa Ramatsimele Chaba, Busiswe Gunya, Tlou Grace Manyelo

10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -11:30	Comparison of Tree-Based Machine Learning Approaches to Predict Birth Weight of Boer Goats (с превод).	Thobela Louis Tyasi
11:30 -12:00	Partial Replacement of Soybean Meal with High Protein Sunflower Meal in Laying Hen Diets and Its Effect on Egg Production.	Vasko Gerzilov, Petar Petrov
12:00 -13:00	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
13:00 -13:30	Microalgal Pollen Substitutes Support Honey Bees Survive: An In Vitro Study of Spirulina and Chlorella (с превод).	Devrim Oskay, Gizem Sonmez Oskay, Bertan Sonmez
13:30 -14:00	Effect of Crossbreeding Holstein Cattle Breed with Beef Breeds on the Calf Body Size at Birth.	Svetoslav Karamfilov
14:00 -14:30	Fatty Acids Content in Milk of Sheep Raised in the Plain Part of the Southwestern Part of Rila Mountain.	Julia Koyundzhiyska , Silviya Ivanova, Vasil Nikolov
14:30 – 15:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:00 -15:30	Parasitological Status in Mangalitsa Pigs: A Preliminary Study.	Rumyana Ivanova, Ivelina Zapryanova
15:30 -16:00	Evaluation of Semen Motility and Morphology in Roosters of the Native Katunitsa Chicken Breed.	Radka Malinova, Petar Petrov
16:00 -16:30	Assessment of the Relationship Between Body Weight and Gait Quality Traits in Young Horses of the Eastbulgarian Breed.	Maya Popova, Tanya Petrova
16:30 -17:00	Morphometric, Slaughter Characteristics and Proximate Composition of Rainbow Trout and Brown Trout.	Lyudmila Nikolova, Vesela Chalova-Zhekova, Petya Ivanova
19:30 – 22:30	Official Dinner	Grand Hotel Plovdiv, Restaurant Bendida

30 October (Thursday) 2025

Moderator: Assoc. Prof. K. Avramova, PhD; Secretary: Chief Assist. prof. M. Popova, PhD

Time	Topic	Author(s) / Venue
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09:00 -10:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -12:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
12:30 -13:30	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
14:00 -16:30	Workshop on Calligraphy and Traditional Chinese Painting	Demonstration Zone of APACCCEEC
14:00 -16:00	"Plovdiv – Ancient and Eternal" – Walking Tour	

List of Posters	
Topic	Autor(s)
Dairy Performance of Lacaune Crossbreds Under Macedonian Farming Conditions	Daniel Simakoski, Nikola Pacinovski, Vesna Karapetkovska – Hristova, Darko Velajnovski
A Study on Tolerance on Unfavorable Rearing Conditions of Some Bulgarian Silkworm Breeds (<i>Bombyx Mori</i> L.).	Panomir Tzenov, Krasimira Avramova, Dimitar Grekov, Jolanda Vasileva
Duration Of Estrus and Estrous Cycles in Mares from Eastbulgarian Breed.	Maya Popova, Denis Milanov
The East Balkan Pig – A Genetic Reservoir, Source of High-Quality Meat, And Integral Component of Bulgaria’s Natural and Cultural Landscape.	Angel Mavrovski

SECTION 5: AGRO-ECONOMY, RURAL DEVELOPMENT AND AGRITOURISM

Department of Agricultural Mechanization, 1st floor, Auditory 9

28 October (Tuesday) 2025		
Time	Topic	Author(s) / Venue
13:30 -14:00	Developing maize smart-general equilibrium model (msgem) to evaluate climate-smart practices in South Africa's maize value chain	Johannes Jan Hlongwane
14:00 -14:30	The role of IKS in advancing agro-economic and circular-economy practices in South Africa.	Ashwell Rungano Ndhlala
14:30 -15:00	The role of marketing in consumer loyalty, performance and sustainability of the agri-food sector in Kosovo	Njazi Bytyqi
15:00 – 15:30	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:30 -16:00	Agritourism and rural development in Assam: opportunities, challenges, and prospects	Anurag Hazarika, Samikshya Madhukullya, Anwesha Hazarika
16:00 -16:30	An integrated territorial approach to rural development in Bulgaria: challenges of decentralization and policy effectiveness	Yuliyana Mollov
16:30 -17:00	The impact of organic fertilization on the economic efficiency in the production of forage from red fescue	Katerina Churkova
17:00 -17:30	Precision and digital technologies in climate action: adoption pathways and practices in Bulgaria	Yifeng Qin, Rositsa Beluhova-Uzunova, Svetla Yancheva, Shengquan Che, Boryana Ivanova, Dobri Dunchev
17:30 -18:00	Tackling climate change through the prism of EU laws and regulations	Atanaska Gerova
18:00 – 19:00	A Glass of Wine for „Welcome!“	Rectorate

29 October (Wednesday) 2025		
Time	Topic	Author(s) / Venue

09:00 - 09:30	Strategic management of mountain agriculture in the Western Rhodopes	Atanas Rataiski
09:30 - 10:00	The integration of insurance mechanisms into farm-level enterprise risk management systems in Bulgaria	Bistra Stankova
10:00 - 10:30	Embeddedness of the rose oil and its derivatives in the food systems of Plovdiv region	Dafinka Grozdanova
10:30 - 11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 - 11:30	The agricultural sector and the risk of sectoral currency debasement: the case of Bulgaria ahead of eurozone accession	Gueorgui Guerov
11:30 - 12:00	The impact of subsidies on vegetable production in the republic of Bulgaria: challenges and perspectives	Irina Panova
12:00 - 13:00	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
13:00 - 13:30	Gas prices, supply chain pressure, and geopolitics effects on global wheat markets	Kamen Stoyanov
13:30 - 14:00	Formal representation of agricultural activities through entity	Rosen Ivanov
14:00 - 14:30	Formal representation of agricultural activities through entity	Nikola Tsaikin, Nadejda Shopova, Venelin Roychev, Theodora Srebcheva
14:30 - 15:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:00 - 15:30	Destinations branding opportunities for regenerative tourism through agricultural practices, traditions and local culture in Bulgaria	Krasimir Aleksandrov, Ivanka Lulcheva
15:30 - 16:00	Symbiosis between the agricultural sector and tourism – an opportunity for the development of small sites like Mineralni bani, Haskovo district	Ivanka Lulcheva
16:00 - 16:30	Specifics of accounting for biological assets in agricultural enterprises	Dimitar Yankov
16:30 - 17:00	Impact of institutional changes on vegetable production in Bulgaria	Teodora Stoeva, Violeta Dirimanova
17:00 - 17:30	Digital transformation: advancing innovation in	Grigor Todorov

	agricultural management	
19:30 – 22:30	Official Dinner	Grand Hotel Plovdiv, Restaurant Bendida

30 October (Thursday) 2025		
Time	Topic	Author(s) / Venue
09:00 - 09:30	Efficiency in the management of modern organizations: approaches, tools, and methods of assessment	Zvezdomira Todorova
09:30 - 10:00	Regenerative tourism as a form of cultural renewal	Krasimira Yancheva, Hristina Filipova
10:00 - 10:30	Precision livestock farming: concepts and future perspectives	Svetozara Zaharieva, Dobri Dunchev
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -12:30	Discussions	
12:30 -13:30	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
14:00 -16:30	Workshop on Calligraphy and Traditional Chinese Painting	Demonstration Zone of APACCCEEC
14:00 -16:00	"Plovdiv – Ancient and Eternal" – Walking Tour	

SECTION 6: AGRICULTURAL ENGINEERING AND DIGITAL TECHNOLOGIES

Department of Agricultural Mechanization, 1st floor, Room 2

28 October (Tuesday) 2025		
Time	Topic	Author(s) / Venue
13:30 -14:00	Connecting agricultural science, language and region: a case study of a scholarly journal	Zvonimir Prpic
14:00 -14:30	Agromelioration activity with a new model of soil cultivating working tool with increased efficiency	Petia Genkova , Manol Dalev
14:30 -15:00	Conceptual model for information simulation in the agricultural sector	Nikola Tsaikin
15:00 – 15:30	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
15:30 -16:00	Discussions	
18:00 – 19:00	A Glass of Wine for „Welcome!“	Rectorate

29 October (Wednesday) 2025		
Time	Topic	Author(s) / Venue
09:00 -10:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -12:00	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
12:00 -13:00	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
13:00 -14:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
14:30 – 15:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor

15:00 -16:30	Discussions	
19:30 – 22:30	Official Dinner	Grand Hotel Plovdiv, Restaurant Bendida

30 October (Thursday) 2025		
Time	Topic	Author(s) / Venue
09:00 -10:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
10:30 -11:00	Coffee Break	Faculty of Horticulture and Viticulture, 1 st floor
11:00 -12:30	Poster Session	Faculty of Horticulture and Viticulture, 2 nd floor
12:30 -13:30	Lunch	Faculty of Horticulture and Viticulture, 1 st floor
14:00 -16:30	Workshop on Calligraphy and Traditional Chinese Painting	Demonstration Zone of APACCCEEC
14:00 -16:00	"Plovdiv – Ancient and Eternal" – Walking Tour	