

AGROSYM

AGRO 2026
sym

Faculty of Agriculture
University of East Sarajevo



Republic of Srpska
Bosnia and Herzegovina

CIHEAM - Mediterranean
Agronomic Institute of
Bari (CIHEAM Bari)



Italy

Faculty of Agriculture
University of Belgrade



Serbia

Jiangsu University



People's Republic of China

in collaboration with



AGROSYM

Jahorina, 6-9 October 2026, Bosnia and Herzegovina

SYMPOSIUM PROGRAMME

HONORARY COMMITTEE

President: Prof. dr. **Dusan Kovacevic**, Honorary president of AGROSYM Agriculture Symposium, Serbia
Mr. Andjelka Kuzmic, Minister of Agriculture, Water Management and Forestry of Republic of Srpska, Bosnia and Herzegovina
Prof. dr. Draga Mastilovic, Minister of Scientific-Technological Development, Higher Education and Information Society of Republic of Srpska, Bosnia and Herzegovina
Prof. dr Mario T. Tabucanon, President of the International Society of Environment and Rural Development, Japan
Prof. dr Milan Kulic, Rector of the University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Vladan Bogdanovic, Dean of the Faculty of Agriculture, University of Belgrade, Serbia
Dr. Biagio De Terlizzi, Director of the Mediterranean Agronomic Institute of Bari, Italy
Prof. Dr. Hüseyin YILMAZ, Rector of the Selcuk University, Turkey
Prof. dr Aleksey Andreev, Rector of the Perm State Agro-Technological University, Russia
Prof. dr Alexander Agibalov, Rector of the Voronezh State Agricultural University named after Peter The Great, Russia
Prof. dr Xing Weihong, President of Jiangsu University, People's Republic of China
Prof. dr Barbara Hinterstoisser, Vice-Rector of the University of Natural Resources and Life Sciences (BOKU), Austria
Prof. dr Sorin Mihai Cimpanu, Rector of the University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Prof. Shinichi Yonekura, Vice-President of the Shinshu University, Japan
Doc. Ing. Klaudia Halászová, Rector of the Slovak University of Agriculture in Nitra, Slovakia
Prof. dr Calin D. Oros, Rector of the Valahia University of Targoviste, Romania
Prof. dr Katerina Melfou, Dean of the Faculty of Agriculture, University of Western Macedonia, Greece
Prof. dr Amr Ahmed Mostafa, Dean of the Faculty of Agriculture, Cairo University, Egypt
Prof. dr José Sergio Barrales Domínguez, Rector of the Chapingo Autonomous University, Mexico
Prof. dr Davut Karayel, Dean of Faculty of Agriculture, University of Akdeniz - Antalya, Turkey
Prof. Dr EGUCHI Fumio, Rector of the Tokyo University of Agriculture, Japan
Prof. dr Muhammad Naeem, Vice-Chancellor of Arid Agricultural University, Rawalpindi, Pakistan
Prof. dr Zhang Zhanping, President of Cangzhou Normal University, People's Republic of China
Prof. dr Wang Zhanren, President of Northwest Normal University, People's Republic of China
Dr Chokri Thabet, the General Director of the High Agronomic Institute of Chott Mariem, Sousse, Tunisia
Prof. dr Maya Ignatova, Director of the Institute of Animal Science- Kostinbrod, Bulgaria
Prof. dr Seyed Hamidreza Sadeghi, Professor at Tarbiat Modares University and the President of the Watershed Management Society of Iran, Iran
Prof. Jean-Francois Silas Kobiane, President of the University Joseph Ki-Zerbo, Burkina Faso
Prof. dr Francesco Tei, Director of the Department of Agricultural, Food and Environmental Sciences, University of Perugia, Italy
Prof. dr Viktor Kaminskyi, Director of National Scientific Center „Institute of Agriculture of NAAS“, Kyiv, Ukraine
Dr. Igor Hrovatić, President of South Eastern Advisory Service Network, Croatia
Prof. dr Mirza Dautbasic, Dean of the Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina
Prof. dr Bozidarka Markovic, Dean of the Biotechnical Faculty, University of Podgorica, Montenegro
Prof. dr Rade Jovanovic, Director of the Institute for Science Application in Agriculture, Serbia
Prof. dr Srdjan Lalic, Dean of the Faculty of Economics Brcko, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Vojislav Trkulja, Director of Agricultural Institute of Republic of Srpska - Banja Luka, Bosnia and Herzegovina
Dr. Miodrag Tolimir, Director of the Maize Research Institute "Zemun Polje", Serbia
Prof. Dr. Dragana Latkovic, Director of the Institute of Field and Vegetable Crops, Serbia
Prof. dr Nenad Magazin, Dean of the Faculty of Agriculture, University of Novi Sad, Serbia
Prof. dr Rodne Nastova, Director of the Institute for Animal Science, Skopje, Macedonia
Prof. dr Sasa Orlovic, Director of the Institute of Lowland Forestry and Environment, Serbia
Prof. dr Jonel Subic, Director of the Institute of Agricultural Economics, Serbia
Prof. dr Branko Kovacevic, President of the Academy of Engineering Sciences of Serbia, Serbia
Prof. dr Radovan Pejanovic, President of Balkan Scientific Association of Agricultural Economics, Serbia

SCIENTIFIC COMMITTEE

President: Dr. **Hamid El Bilali**, CIHEAM – Mediterranean Agronomic Institute of Bari (CIHEAM Bari), Italy
Vice-president: Prof. dr **Sinisa Berjan**, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Vice-president: Prof. dr **Zeljko Dolijanovic**, Faculty of Agriculture, University of Belgrade, Serbia
Prof. dr Machito Mihara, Tokyo University of Agriculture, Japan
Prof. dr John Brayden, Norwegian Agricultural Economics Research Institute (NILF), Norway
Prof. dr Steve Quarie, Visiting Professor, School of Biology, Newcastle University, United Kingdom
Prof. dr Andreas Melcher, CDR, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
Prof. dr Dieter Trautz, University of Applied Science, Germany
Prof. dr Mustafa Harmankaya, Dean of Faculty of Agriculture, University of Selçuk- Konya, Turkey
Prof. dr Sergei Eliseev, Perm State Agro-Technological University, Russia
Prof. dr Dani Shtienberg, full professor, Department of Plant pathology and Weed Research, ARO, the Volcani Center, Bet Dagan, Israel
Prof. dr William Meyers, Howard Cowden Professor of Agricultural and Applied Economics, University of Missouri, USA
Prof. dr Markus Schermer, Department of Sociology, University of Innsbruck, Austria
Prof. dr Carmelo Rapisalda, Department of Agriculture, Food and Environment; University of Catania, Italy
Prof. dr Thomas G. Johnson, University of Missouri – Columbia, USA

XVII International Scientific Agriculture Symposium "Agrosym 2026"
agrosym.ues.rs.ba

Prof. dr Fokion Papathanasiou, School of Agricultural Sciences, University of Western Macedonia, Greece
Prof. dr Sabahudin Bajramovic, Faculty of Agriculture and Food Sciences, University of Sarajevo, Bosnia and Herzegovina
Prof. dr Hiromu Okazawa, Faculty of Regional Environment Science, Tokyo University of Agriculture, Japan
Prof. dr Tatiana Sivkova, Faculty for Veterinarian Medicine and Zootechny, Perm State Agro-Technological University, Russia
Prof. dr Aleksej Lukin, Voronezh State Agricultural University named after Peter The Great, Russia
Prof. dr Matteo Vittuari, Faculty of Agriculture, University of Bologna, Italy
Prof. Katsuharu Saito, Faculty of Agriculture, Shinshu University, Japan
Prof. dr. Ebrahim Sepehr, Faculty of Agriculture, Urmia University, Iran
Prof. dr. Andrea Criscione, Department of Agriculture, Food and Environment, University of Catania, Italy
Prof. Giorgio Testa, Department of Agriculture, Food and Environment, University of Catania, Italy
Prof. Gabriella Vindigni, Department of Agriculture, Food and Environment, University of Catania, Italy
Prof. dr Seyed Mohsen Hosseini, Faculty of Natural Resources, Tarbiat Modares University, Iran
Prof. dr Ardian Maci, Faculty of Agriculture and Environment, Agricultural University of Tirana, Albania
Prof. dr Regucivilla A. Pobar, Bohol Island State University, Philippines
Dr. Bilal Saeed Khan, Faculty of Agriculture, University of Agriculture, Faisalabad, Punjab, Pakistan
Prof. dr Azeem Khalid, Arid Agriculture University, Rawalpindi, Pakistan
Prof. dr Aayesha Riaz, Arid Agriculture University, Rawalpindi, Pakistan
Prof. dr Munir Ahmad, Arid Agriculture University, Rawalpindi, Pakistan
Prof. dr Sudheer Kundukulangara Puliserry, Kerala Agricultural University, India
Prof. dr EPN Udayakumara, Faculty of Applied Sciences, Sabaragamuwa University, Sri Lanka
Prof. dr Vladimir Smutný, full professor, Mendel University, Faculty of agronomy, Czech Republic
Prof. dr Franc Bavce, full professor, Faculty of Agriculture and Life Sciences, Maribor, Slovenia
Prof. dr Natalija Bogdanov, Faculty of Agriculture, University of Belgrade, Serbia
Prof. dr Richard Barichello, Faculty of Land and Food Systems, University of British Columbia, Canada
Prof. dr Francesco Porcelli, University of Bari Aldo Moro, Italy
Prof. dr Vasilije Isajev, Faculty of Forestry, University of Belgrade, Serbia
Prof. dr Elazar Fallik, Agricultural Research Organization (ARO), Volcani, Israel
Prof. dr Junaid Alam Memon, Pakistan Institute of Development Economics, Pakistan
Prof. Aziz Abouabdillah, National School of Agriculture, Meknes, Morocco
Prof. dr. Jorge Battle-Sales, Department of Biology, University of Valencia, Spain
Prof. dr Pandi Zdruli, Land and Water Resources Department; IAMB, Italy
Prof. dr Mladen Todorovic, Land and Water Resources Department; IAMB, Italy
Prof. dr Aleksejs Zacepins, Latvia University of Life Sciences and Technologies, Latvia
Prof. dr Maksym Melnychuk, National Academy of Agricultural Science of Ukraine, Ukraine
Prof. dr Borys Sorochynskiy, Ukrainian Institute for Plant Variety Examination, Kyiv, Ukraine
Dr. Lorenz Probst, CDR, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
Prof. Dragana Sunjka, Faculty of Agriculture, University of Novi Sad, Serbia
Prof. dr Miodrag Dimitrijevic, Faculty of Agriculture, University of Novi Sad, Serbia
Prof. dr Mohsen Boubaker, High Institute of Agronomy of Chott Meriem, Sousse, Tunisia
Prof. dr Ion Viorel, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Prof. dr. Chuleemas Boonthai Iwai, Faculty of Agriculture, Khon Kaen University, Thailand
Prof. dr Wathuge T.P.S.K. Senarath, Department of Botany, University of Sri Jayewardenepura, Colombo, Sri Lanka
Dr. Hamada Abdelrahman, Soil Science Dept., Faculty of Agriculture, Cairo University, Egypt
Prof. dr Maya Ignatova, Director of the Institute of Animal Science- Kostinbrod, Bulgaria
Prof. dr Ioannis N. Xynias, School of Agricultural Technology & Food Technology and Nutrition, Western Macedonia University of Applied Sciences, Greece
PhD ing. Artur Rutkiewicz, Department of Forest Protection, Institute of Forest Sciences, Warsaw University of Life Sciences - SGGW, Poland
Prof. dr Mohammad Sadegh Allahyari, Islamic Azad University, Rasht Branch, Iran
Dr. Lalita Siri wattananon, Faculty of Agricultural Technology, Rajamangala University of Technology Thanyaburi (RMUTT), Thailand
Prof. dr Konstantin Korlyakov, Perm Agricultural Research Institute, Russia
Dr. Larysa Prysiachniuk, Ukrainian Institute for Plant Variety Examination, Kyiv, Ukraine
Prof. dr Oksana Kliachenko, National University of Life and Environmental Science of Ukraine, Ukraine
Dr. Abid Hussain, International Centre for Integrated Mountain Development (ICIMOD), Nepal
Dr. Amrita Ghatak, Gujarat Institute of Development Research (GIDR), India
Prof. dr Naser Sabaghnia, University of Maragheh, Iran
Dr. Karol Wajszczuk, Poznan University of Life Sciences, Poland
Prof. dr Penka Moneva, Institute of Animal Science - Kostinbrod, Bulgaria
Prof. dr Mostafa K. Nassar, Animal husbandry Dept., Faculty of Agriculture, Cairo University, Egypt
Prof. dr Andrzej Kowalski, Director of the Institute for Agricultural and Food Economy, Warszawa-Poland
Prof. dr Yalcin Kaya, The Director of the Plant Breeding Research Center, University of Trakya, Turkey
Prof. dr Sanja Radonjic, Biotechnical Faculty, University of Montenegro, Montenegro
Prof. dr Ionela Dobrin, Department for Plant Protection, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Prof. dr Inocencio Buot Jr., Institute of Biological Sciences, College of Arts and Sciences, University of the Philippines Los Banos, Philippines

Prof. dr Monica Paula Marin, Department for Animal Husbandry, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

Prof. dr Nedeljka Nikolova, Institute for Animal Science, Ss. Cyril and Methodius University in Skopje, Republic of Macedonia

Prof. dr Mohammad Al-Mamun, Department of Animal Nutrition, Bangladesh Agricultural University, Bangladesh

Prof. dr Anucha Wittayakorn-Puripunpinyoo, School of Agriculture and Co-operatives, Sukhothai Thammathirath Open University, Nonthaburi, Thailand

Dr. Redouane Choukr-Allah, International Center for Biosaline Agriculture (ICBA), United Arab Emirates

Prof. dr Ignacio J. Díaz-Maroto, High School Polytechnic, University of Santiago de Compostela, Spain

Prof. dr Nidal Shaban, University of Forestry Sofia, Bulgaria

Prof. dr Mehdi Shafaghathi, Faculty of Geography, Tarbiat Moalem (kharazmi) University, Iran

Prof. dr Youssif Sassine, Lebanese University Beirut, Lebanon

Prof. dr Cafer Topaloglu, Faculty of Tourism, Mugla Sıtkı Kocman University, Turkey

Prof. dr Seyed Hamidreza Sadeghi, Faculty of Natural Resources, Tarbiat Modares University, Iran

Prof. Zain Ul Abidin, Department of Entomology, University of Agriculture, Faisalabad, Pakistan

Prof. dr Mohsen Mohseni Saravi, University of Teheran and Member of WMSI Management Board, Iran

Prof. dr Branislav Draskovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina

Prof. dr Mahmood Arabkhedri, Soil Conservation and Watershed Management Research Institute and Member of WMSI Management Board, Iran

Prof. dr Ataollah Kavian, Sari Agricultural Science and Natural Resources University and Member of WMSI Management Board, Iran

Prof. dr Tugay Ayasan, Department of Organic Farming Business Management, Osmaniye, Applied Science School of Kadirli, Osmaniye Korkut Ata University, Turkey

Prof. dr Sakine Özpınar, Department of Farm Machinery and Technologies Engineering, Faculty of Agriculture, Çanakkale Onsekiz Mart University, Çanakkale, Turkey

Prof. dr Sherein Saeide Abdelgayed, Faculty of Veterinary Medicine, Cairo University, Cairo, Egypt

Prof. dr Zohreh Mashak, Islamic Azad University, Karaj Branch, Iran

Dr. Khalid Azim, National Institute of Agriculture Research, Morocco

Dr. Mario Licata, Department of Agricultural, Food and Forest Sciences, University of Palermo, Italy

Prof. Fatiha Addyoubah, Moulay Ismail University, Morocco

Prof. dr Muhammad Ovais Omer, Faculty of Bio-Sciences, University of Veterinary & Animal Sciences, Lahore, Pakistan

Dr. Edouard Musabanganji, School of Economics/CBE, University of Rwanda, Rwanda

Prof. dr Kubilay Baştaş, Department of Plant Protection, Faculty of Agriculture, Selçuk University, Turkey

Dr. Branka Kresovic, Maize Research Institute "Zemun Polje", Serbia

Dr. Milan Stevanovic, Maize Research Institute "Zemun Polje", Serbia

Prof. Violeta Babic, Faculty of Forestry, University of Belgrade, Serbia

Dr. Svetlana Balesevic-Tubic, Institute of Field and Vegetable Crops Novi Sad, Serbia

Dr. Ana Marjanovic Jeromela, Institute of Field and Vegetable Crops Novi Sad, Serbia

Prof. dr Tatjana Krajisnik, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina

Prof. dr Aleksandra Govedarica-Lucic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina

Prof. dr Desimir Knezevic, University of Pristina, Faculty of Agriculture, Kosovska Mitrovica - Lesak, Kosovo i Metohija, Serbia

Dr. Snezana Mladenovic-Drinic, Maize Research Institute "Zemun Polje", Serbia

Prof. dr Nebojsa Momirovic, Faculty of Agriculture, University of Belgrade, Serbia

Prof. dr Osman Mujezinovic, Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina

Prof. dr Dalibor Ballian, Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina

Prof. dr Zoran Jovovic, Biotechnical Faculty, University of Montenegro, Montenegro

Prof. dr Danijel Jug, Faculty of Agriculture, University of Osijek, Croatia

Prof. dr Milan Markovic, Biotechnical Faculty, University of Montenegro, Montenegro

Prof. Mirjana Jovovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina

Prof. dr Dejana Stanic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina

Prof. Goran Marinkovic, Faculty of Technical Sciences, University of Novi Sad, Serbia

Dr Dejan Stojanovic, Institute of Lowland Forestry and Environment, Serbia

Dr Dobrivoj Postic, Institute for plant protection and environment, Belgrade, Serbia

Dr Srdjan Stojnic, Institute of Lowland Forestry and Environment, Serbia

Dunja Demirovic Bajrami, Research Associate, Geographical Institute "Jovan Cvijic", Serbian Academy of Sciences and Arts, Belgrade, Serbia

ORGANIZING COMMITTEE

President: **Prof. dr Vesna Milic**, Dean of the Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina

Prof. Dr Marko Gatalj, Vice rector of the University of East Sarajevo, Bosnia and Herzegovina

Prof. Dr Jelena Krunic, Vice rector of the University of East Sarajevo, Bosnia and Herzegovina

Dr. Maroun El Moujabber, Mediterranean Agronomic Institute of Bari, Italy

Dr Milic Curovic, The journal "Agriculture and Forestry", Biotechnical Faculty Podgorica, University of Montenegro, Montenegro

Dr. Tatiana Lysak, International Relations Office, Voronezh State Agricultural University named after Peter The Great, Russia

Dr. Oksana Fotina, International Relations Center, Perm State Agro-Technological University, Russia
Prof. dr Fokion Papathanasiou, School of Agricultural Sciences, University of Western Macedonia, Greece
Dr Ana Marjanović Jeromela, Institute of Field and Vegetable Crops, Serbia
Prof. dr Engr. Teodora Popova, Institute of Animal Science - Kostinbrod, Bulgaria
Dr Daniela Spina, Department of Agriculture, Food and Environment, University of Catania, Italy
Prof. dr Mehmet Musa Ozcan, Faculty of Agriculture, Selçuk University, Turkey
Prof. dr Arfan Yousaf, Arid Agricultural University, Rawalpindi, Pakistan
Dr. Abdulvahed Khaledi Darvishan, Faculty of Natural Resources, Tarbiat Modares University, Iran
Prof. dr Nikola Pacinovski, Institute for Animal Science, Ss. Cyril and Methodius University in Skopje, N. Macedonia
MSc. Erasmo Velázquez Cigarroa, Department of Rural Sociology, Chapingo Autonomous University, Mexico
Dr. Ecaterina Stefan, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
Dr. Jeeranuch Sakhamduang, The International Society of Environmental and Rural Development, Japan
Prof. Irfan Ozturk, Trakya Agriculture Research Institute in Edirne, Turkey
Dr. Raoudha Khanfir Ben Jenana, High Institute of Agronomy of Chott Meriem, Sousse, Tunisia
Dr. Romaric Kiswendsida Nanema, University Joseph Ki-Zerbo, Burkina Faso
Dr. Hamada Abdelrahman, Soil Science Dept., Faculty of Agriculture, Cairo University, Egypt
Prof. Dragana Sunjka, Faculty of Agriculture, University of Novi Sad, Serbia
MSc. Aleksandra Susnjar, Faculty of Agriculture, University of Novi Sad, Serbia
MSc. Dragana Boskovic, Faculty of Agriculture, University of Novi Sad, Serbia
Dr. Antonije Zunic, Faculty of Agriculture, University of Novi Sad, Serbia
Dr. Vedran Tomic, Institute for Science Application in Agriculture, Serbia
MSc. Vojin Cvijanovic, Institute for Science Application in Agriculture, Serbia
MSc. Mladen Petrovic, Institute of Agricultural Economics, Serbia
Dr. Milan Stevanovic, Maize Research Institute "Zemun Polje", Serbia
Dr. Andrej Pilipovic, Institute of Lowland Forestry and Environment, Serbia
Dr. Sc. Morteza Behzadfar, Tarbiat Modares University, Tehran, Iran
Dr. Larysa Prysiachniuk, Ukrainian Institute for Plant Variety Examination, Kyiv, Ukraine
Doc. dr Sead Ivojevic, Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina
Dr. Nenad Markovic, Enterprise E. N. (EEN) Coordinator, University of East Sarajevo, Bosnia and Herzegovina
Domagoj Group, SEASN - South Eastern Advisory Service Network, Croatia
Dr. Milan Ninkovic, Scientific Institute of Veterinary Medicine of Serbia
Prof. dr Zeljko Lakic, Agricultural Institute of Republic of Srpska - Banja Luka, Bosnia and Herzegovina
Dr. Milan Jugovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr Dejana Stanic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Milena Stankovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Prof. dr. Stefan Stjepanovic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
MSc. Stefan Bojic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Tanja Jakisic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Boban Miletic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Nedeljka Elez, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
MSc. Selena Kovacevic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Branka Govedarica, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina
Dr. Igor Djurdjic, Faculty of Agriculture, University of East Sarajevo, Bosnia and Herzegovina, **General Secretary**

Tuesday, October 6th, 2026
Conference Hall Vucko

08:00 - 18:00 - REGISTRATION

11:30 - 13:00 - Research Skills Development Workshop for Young Researchers

14:00 - 15:00 - SYMPOSIUM OPENING CEREMONY

Representative of the Ministry of Agriculture, Forestry and Water Management of Republic of Srpska

Representative of the Ministry of Scientific - Technological Development, Higher Education and Information Society of Republic of Srpska

Prof. dr Milan Kulic - Rector of the University of East Sarajevo

Prof. dr Zou Xiaobo - Rector of the Jiangsu University

Dr Hamid El Bilali - President of the Scientific Committee

Prof. dr Vesna Milic - President of the Organizing Committee

Mr. Ljubisa Cosic - Mayor of the City of East Sarajevo

15:00 - 16:00 - COCKTAIL

16:00 - 17:00 KEYNOTE PAPERS

Working committee

Chairpersons: Carmelo RAPISARDA, Zou XIAOBO

16:00 - 16:20 - MULTIMODAL DIGITAL TWIN OF VEGETATION: INTEGRATION OF HYPERSPECTRAL ANALYSIS, LiDAR - BASED 3D SENSING AND VEGETATION INDICES IN PRECISION AGRICULTURE AND FORESTRY, Sasa ORLOVIC, Vladimir VISACKI

16:20 - 16:40 - PROMOTING NEGLECTED AND UNDERUTILIZED CROP SPECIES FOR SUSTAINABLE AND RESILIENT AGRI-FOOD SYSTEMS, Hamid EL BILALI

16:40 - 17:00 - DISCUSSION

17:00 - 17:30 - PAUSE

17:30 - 19:00 - GREEN AGRICULTURE, INTELLIGENT FARMING AND MODERN AGRICULTURAL EQUIPMENT SUBFORUM

20:00 - DINNER AT HOTEL AND ENTERTAINMENT EVENING (Live music in hotel Vucko)

Wednesday, October 7th, 2026
Conference Hall A (Hotel Vucko)

PLANT PRODUCTION 1A

- 09:00 - 18:00** - REGISTRATION
- 09:00 - 18:30** - WORKING SESSIONS

Working committee

Chairperson: Theano LAZARIDOU, Desimir KNEZEVIC

- 09:00 - 09:10** **AN OPEN-SOURCE PIPELINE FOR UAV-BASED PHENOTYPING AND DECISION SUPPORT IN MAIZE BREEDING**, Aleksandar KOVAČEVIĆ, Jovan PAVLOV, Nikola GRČIĆ, Jelena VANČETOVIĆ, Sanja PERIĆ, Marko MLADENOVIC, Sofija BOŽINOVIĆ- **INTRODUCTORY PAPER**
- 09:10 - 09:20** **PHOSPHATE-SOLUBILISING BACILLUS CONSORTIUM AS A STRATEGIC TOOL FOR DURUM WHEAT PRODUCTION**, Nicolò IACUZZI, Noemi TORTORICI, Teresa TUTTOLOMONDO
- 09:20 - 09:30** **CLIMATE CHANGE: YIELD AND AGRO-PHYSIOLOGICAL PARAMETERS IN CEREAL SPECIES UNDER RAINFED CONDITIONS**, İrfan ÖZTÜRK, Remzi AVCI, Turhan KAHRAMAN, Adnan TÜLEK
- 09:30 - 09:40** **FLUID MOVEMENT LAW AND INFLUENCING FACTORS OF SHREDDING ON RICE STRAW BRIQUETTING MACHINES**, Chirui ZHANG, Zhong TANG
- 09:40 - 09:50** **TARGETED SELF-HEALING EXCITATION PARAMETER DETERMINATION FOR TRACKING DYNAMIC IMBALANCE DURING THRESHING PROCESS**, Xinyang GU
- 09:50 - 10:00** **HARVEST INDEX IN SERBIAN WINTER WHEAT CULTIVARS (*Triticum aestivum* L.)**, Desimir KNEŽEVIĆ, Dušan UROŠEVIĆ, Mirčela MATKOVIĆ STOJŠIN, Svetlana ROLJEVIĆ NIKOLIC, Dragan GRČAK, MILOSAV GRČAK, Veselinka ZEČEVIĆ
- 10:00 - 10:15** DISCUSSION
- 10:15 - 10:30** PAUSE

Working committee

Chairpersons: Aleksejs ZACEPINS, Mirjana JOVOVIC

- 10:30 - 10:40** **A "MECHANISM-PREDICTION-MITIGATION" FRAMEWORK FOR SOFT ABRASIVE WEAR IN AGRICULTURAL MACHINERY**, Honglei ZHANG, Zhong TANG, Biao ZHANG
- 10:40 - 10:50** **VALORIZATION OF BLACK RICE (SİYAH 1) THROUGH EXTRUSION TECHNOLOGY: EFFECTS ON NUTRITIONAL, BIOACTIVE, AND PHYSICAL PROPERTIES**, Arzu OZER, Berrin OZKAYA
- 10:50 - 11:00** **POTENTIAL USE OF TREATED WASTEWATER FOR SUSTAINABLE MANAGING OF DURUM WHEAT UNDER WATER-SCARCE ENVIRONMENTS**, Noemi TORTORICI, Teresa TUTTOLOMONDO, Nicolò IACUZZI
- 11:00 - 11:10** **THE EFFECT OF GLYCINE BETAINE TREATMENT ON PLANT GROWTH OF SCARLET SAGE (*Salvia splendens* cv. Reddy) UNDER WATER STRESS CONDITIONS**, Leyla EKEN, Yunus KORKOM, Cansu DINDAR, Uğur ŞIRIN, Erhan AKKUZZU
- 11:10 - 11:20** **SCREENING COMMON BEAN CULTIVARS FOR DROUGHT AND SALINITY TOLERANCE BASED ON YIELD AND PHYSIOLOGICAL RESPONSES**, Hayriye Yildiz DASGAN, Afife KESKIN, Tugçe TEMTEK, Boran IKIZ, Maria Loredana SORAN
- 11:20 - 11:30** **INFLUENCE MECHANISM AND OPTIMAL DESIGN OF FLEXIBLE SPRING-TOOTH REEL MECHANISM FOR SOYBEAN POD-SHATTERING REDUCTION**, Yuxuan CHEN

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairperson: Aleksandar KOVACEVIC, Aleksandra GOVEDARICA-LUCIC

12:00 - 12:10 **RESPONSE PREDICTION AND EXPERIMENTAL VALIDATION OF VIBRATION NOISE IN THE CONVEYOR TROUGH OF A COMBINE HARVESTER**, Jun ZHANG, Zhong TANG

12:10 - 12:20 **FAULT DIAGNOSIS OF LOOSENED FASTENING BOLTS ON COMBINE HARVESTER VIBRATING SCREENS UNDER COMPLEX MULTI-EXCITATION CONDITIONS**, Tiantian JING, Zhong TANG, Lulu YUAN, Pengcheng LI, Bangzhui WANG

12:20 - 12:30 **DETERMINING THE OPTIMAL BIOGAS SLURRY CONCENTRATION FOR SPRINKLER FERTIGATION OF MAIZE THROUGH PHYSIOLOGICAL AND GROWTH ASSESSMENT**, Run XUEA, Yue JIANGA, Hong LIA, Bin SHIA, Nuo LIA

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairpersons: Mohammad BRAKE, Irfan OZTURK

15:30 - 15:40 **DESIGN AND PERFORMANCE ANALYSIS OF A HAND-HELD SHALLOT CHIVE HARVESTER**, Xiaoying HE

15:40 - 15:50 **DATA-DRIVEN WHEAT DISEASE MONITORING AND PREDICTION WITHIN THE AGRIDATAVALUE PILOT IN LATVIA**, Aleksejs ZACEPINS, Inga BERZINA, Maira DZELZKALEJA-BURMISTRE

15:50 - 16:00 **EFFECTS OF BIOCHAR PARTICLE SIZE ON GRAIN YIELD, POTASSIUM AND PHOSPHORUS NUTRITION OF WHEAT**, Abdurrahman AY, Salih DEMIRKAYA

16:00 - 16:10 **EARLY PREDICTION OF CARROT BOLTING TIME USING IMAGE-BASED DEEP LEARNING AND SURVIVAL ANALYSIS**, Mehmet S. UNLUTURK, Meryem IPEK, Sevin Teoman DURAN, Violeta Alexandra ION, Dariusz GRZEBELUS, Anca-Amalia UDRISTE, Mihaela IORDACHESCU, Emirhan ATLAYAN, Trem TUZUN

16:10 - 16:20 **THE EFFECTS OF MFC CELLULOSE SUPPLEMENTATION ON LION'S MANE MUSHROOM (HERICIUM ERINACEUS) CULTIVATION**, Faik CEYLAN, Recai ARSLAN, Caglar AKCAY

16:20 - 16:30 **REDUCING POSTHARVEST LOSSES IN LAHORE'S VEGETABLE SUPPLY CHAIN**, Abdullah AFRIDI

16:30 - 16:45 DISCUSSION

16:45 - 17:00 PAUSE

Working committee

Chairpersons: Irfan OZTURK, Mohammad BRAKE

17:00 - 17:10 **PATHOGENICITY AND PHYLOGENETIC ANALYSES OF FUSARIOID FUNGI ASSOCIATED WITH TOMATO ROOT ROT IN TURKIYE**, Esra GÜL

17:10 - 17:20 **OPTIMISING STRUVITE APPLICATION AND NUTRIENT SOLUTION pH IN STAGNANT HYDROPONIC CULTIVATION OF TOMATO**, Rafał RAMUT, Anna JAMA-RODZEŃSKA, Bernard GAŁKA, Marta CZAPLICKA

17:20 - 17:30 **EVALUATION OF PHYSIOLOGICAL DRYING PERFORMANCE OF GREEN AND PURPLE BASIL (*OCIMUM BASILICUM* L.) UNDER ELEVATED CO₂, DROUGHT STRESS, HIGH TEMPERATURE AND MYCORRHIZAL SYMBIOSIS**, Ayşe Özlem TURSUN, Tefide KIZILDENİZ GÜRBÜZ

17:30 - 17:40 **DESIGN AND OPTIMIZATION OF A BIONIC CUTTING DEVICE AND COLLABORATIVE DEFOLIATION CONVEYOR LINE FOR BROCCOLI**, Gan LIU, Qi HE, Chirui ZHANG, Zhong TANG

17:40 - 17:50 DISCUSSION

17:50 - 18:00 PAUSE

Working committee

Chairpersons: Theano LAZARIDOU, Mohammad BRAKE, Desimir KNEZEVIC, Aleksejs ZACEPINS

18:00 - 19:00 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Wednesday, October 7th, 2026
Conference Hall C (Hotel Vucko)

PLANT PRODUCTION 1B

09:00 - 18:00 - REGISTRATION

09:00 - 18:30 - WORKING SESSIONS

Working committee

Chairperson: Hayriye Yildiz DASGAN, Mehmet UNLUTURK

09:00 - 09:10 **CLIMATE-DRIVEN SHIFTS IN VITICULTURAL SUITABILITY: IMPLICATIONS FOR ZONING IN THE WESTERN BALKANS**, Darko JAKSIC, Ivan BRADIC – **INTRODUCTORY PAPER**

09:10 - 09:20 **3D TARGETING AND POSE EXTRACTION FOR APPLE HARVESTING ROBOTS VIA 2D INSTANCE SEGMENTATION AND LOCAL POINT CLOUD FUSION**, Jiang HOUKANG, Liu JIZHAN, Lei XIAOJIE, Jiang YONG, Zhao SHENGYI

09:20 - 09:30 **COVER CROPS AND VERMICOMPOST FOR SUSTAINABLE WEED MANAGEMENT IN PISTACHIO (*Pistacia vera* L.) ORCHARDS**, Muhiddin OSUN, Nihat TURSUN, Olcay BOZDOĞAN, İbrahim Halil YANARDAG, Ekrem AKBULUT

09:30 - 09:40 **OPTIMIZING PRUNING TIME FOR IMPROVING YIELD AND FRUIT QUALITY OF SUGRAONE TABLE GRAPE- UNDER SEMI-ARID CLIMATE**, Irfan ALI, Muhammad HASHIR KHAN, Muhammad TAHIR AKRAM, Rizwan RAFIQUE

09:40 - 09:50 **A CIRCULAR BIOECONOMY SYSTEM**, Hiwa GOLPIRA

09:50 - 10:00 **A ROS-BASED MOBILE SINGLE-LINE LIDAR SYSTEM FOR REAL-TIME TREE INVENTORY AND 3D NURSERY MAPPING**, SHEN Zhuofan, LIU Hui, SHEN Yue

10:00 - 10:20 DISCUSSION

10:20 - 10:40 PAUSE

Working committee

Chairpersons: Mohammad BRAKE, Darko JAKSIC

10:30 - 10:40 **SOILLESS MEDIA SHAPE INDOOR-CULTIVATED CANNABIS PRODUCTION UNDER CONTRASTING FERTIGATION REGIMES**, Matěj MALÍK, Alexandra KUKLINA, Lukáš PRAUS, Pavel TLUSTOS

10:40 - 10:50 **HOW SOWING TIME AND THE USE OF FOLIAR APPLICATIONS MAY AFFECT THE YIELD OF THE ZLOTY-LAN CHAMOMILE VARIETY UNDER RAINFED CONDITIONS**, Iokasti CHRISTOPOULOU, Kyriakos D. GIANNOULIS, Dimitrios BARTZIALIS, Nikolaos G. DANALATOS

10:50 - 11:00 **GENETIC VARIABILITY AND POPULATION STRUCTURE OF ACHNATHERUM BROMOIDES (L.) ACROSS A CLIMATIC GRADIENT IN JORDAN**, Hassan R. HAMASHA, Rima TAHA, Mohammad BRAKE

11:00 - 11:10 **EFFECT OF FOLIAR APPLICATION OF NUTRIENTS ON GROWTH AND YIELD OF ITALIAN RYEGRASS UNDER RAINFED CONDITION**, Zain Ul SAJJAD, Reeha MUSHTAQ, Muhammed Kamran AFZAL, Muhammad Ali HASSAAN, Adeel ANWAR, Zuhair HASNAIN

11:10 - 11:20 **POT MARIGOLD YIELD AND INFLORESCENCE MORPHOLOGY AS AFFECTED BY CULTIVAR AND ROW SPACING: PRELIMINARY RESULTS**, Jelena VISKOVIĆ, Goran JACIMOVIC

11:20 - 11:30 **TISSUE CULTURE STUDIES ON MYRTUS COMMUNIS L.**, Hasibe YILDIZ

11:30 - 11:40 **WHY ONE RANKING IS NOT ENOUGH: FONIO SELECTION ACROSS FOUR ENVIRONMENTS IN NIGER**, Abdel Kader NAINO JIKA, Abdoul Hayou YACOUBOU SIDDO, Issaka IBRAHIM, Harissou MOUSSA BOUKARI, Abdoulaye DJIBO IDE, Fourératou ALI SOUMAILA, Abdourahamane TANKARI DAN-BADJO

11:40 - 12:00 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

18:00 - 19:00 POSTER SESSION (Hall A)

20:00 Gala dinner (live music and tasting of traditional and typical products)

PLANT PROTECTION AND FOOD SAFETY 1A

09:00 - 18:00 - REGISTRATION

09:00 - 18:30 - WORKING SESSIONS

Working committee

Chairperson: Carmelo RAPISARDA, Dejana STANIC

09:00 - 09:10 **DETECTION OF TOMATO EARLY BLIGHT CAUSED BY ALTERNARIA PROTENTA USING HYPERSPECTRAL IMAGING**, Aleksejs ZACEPINS, Maksims FILIPOVICS, Vitalijs KOMASILOVS, Oľvija KOMASILOVA, Gunita BIRMSTEINE, Viktorija ZAGORSKA

09:10 - 09:20 **ANTAGONISTIC ACTIVITY OF ENDOPHYTIC BACTERIA ISOLATED FROM APPLES IN GELENDOST (ISPARTA, TÜRKİYE) AGAINST DIPLODIA BULGARICA**, Cafer EKEN, Dudu DEMİR, Mesude Figen DÖNMEZ YEŞİLDAG, Tuba GENÇ KESİMCİ, Emre SEVİNDİK, Yusuf DUŞGÜN, Metin SAFTAN

09:20 - 09:30 **FIELD TESTS OF BIOPESTICIDE FORMULATIONS BASED ON A PILOT-SCALE BIOSURFACTANT EXTRACT FROM CORN RESIDUES AGAINST *Erwinia amylovora* IN 'ROCHA' PEAR TREES**, Alejandro LÓPEZ-PRIETO, Carlos RODRIGUES, José Manuel CRUZ, Ana Belén MOLDES, Carina ALMEIDA, Miguel LEÃO

09:30 - 09:40 **BIOLOGICAL SUPPRESSION OF DICKEYA SOFT ROT IN TOMATO THROUGH MULTIFUNCTIONAL BACILLUS SPECIES**, Aysegul GUR, Ibrahim Isse ALI, Kubilay Kurtulus BASTAS

09:40 - 09:50 **MULTI-ENVIRONMENT ANALYSIS OF Gxe INTERACTION AND STABILITY TO IDENTIFY NET BLOTCH RESISTANT BARLEY LANDRACES**, Chaimae EL HERCH, Muamar AL-JABOBI, Athanasios TSIVELIKAS, Zakaria KEHEL, Mohamed FAIZE

09:50 - 10:00 **DISEASES CAUSED BY FUNGAL AND FUNGUS-LIKE AGENTS IN FENNEL IN TÜRKİYE**, Cafer EKEN

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairpersons: Carmelo RAPISARDA, Branislav PESIC

10:30 - 10:40 **FUNGAL CONTAMINATION AND POTENTIAL AFLATOXIN RISK IN DRIED FIGS COLLECTED FROM LOCAL MARKETS IN AYDIN, TÜRKİYE**, Safiye Tülay BAYRAMOĞLU, Elif Beyza GENCSOYLU, Zehra GENCSOYLU

10:40 - 10:50 **ANTAGONISTIC SOIL BACTERIAL STRAIN 12-45 AS A NEW TOOL FOR SUPPRESSION OF *FUSARIUM* SPP. GROWTH AND DEVELOPMENT**, Evelina ZAVTRIKOVİENĖ, Renata ŽVIRDAUSKIENĖ, SKAIDRĖ SUPRONIENĖ

10:50 - 11:00 **EXPLORING NATURAL SOLUTIONS FOR CONTROLLING EARLY BLIGHT IN TOMATO PLANTS UNDER LABORATORY CONDITIONS**, Natalija ATANASOVA-PANCEVSKA, Daniela TODEVSKA, Sofija KOSTANDINOVSKA

11:00 - 11:10 **FUNGAL PATHOGENS OF SAINFOIN (*ONOBRYCHIS VICIIFOLIA*) IN TÜRKİYE**, Cafer EKEN

11:10 - 11:20 **EFFECT OF THERMAL PROCESSING ON PHENOLIC COMPOUNDS IN OAT SAMPLES**, Seda KULEN

11:20 - 11:30 **BASELINE MELANIN PRODUCTION BY SELECTED MELANISED FUNGAL ISOLATES UNDER STANDARDISED CULTIVATION CONDITIONS**, Branislav PEŠIC

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairperson: Carmelo RAPISARDA, Dejana STANIC

12:00 - 12:10 **SENTINEL-2 GUIDED SPATIAL FUSION FOR FIELD-SCALE VEGETATION STRESS INDICATORS IN ENMAP IMAGERY**, Sena ERDUR HARMAN, Ugur AVDAN

12:10 - 12:20 **ISOLATION AND PRELIMINARY SELECTION OF FUNGUS-ASSOCIATED SOIL NEMATODES AND THEIR ASSOCIATION WITH PHYTOPATHOGENIC FUNGI**, Branislav PEŠIĆ, Julija POLANŠEK, Urša PRISLAN, Janja ZAJC ŽUNIČ, Saša ŠIRCA

12:20 - 12:30 **DIVERSITY AND POPULATION DYNAMICS OF SOME PREDATORY SPIDERS FROM DISTRICT LORALAI, BALOCHISTAN, PAKISTAN**, Bilal Saeed KHAN, Muhammad Aneeb SHAHZAD, Abdul RAHMAN

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairpersons: Snezana TANASKOVIC, Fazal SAID

15:30 - 15:40 **NATURAL ESTABLISHMENT OF ERETMO CERUS IULII AND ITS IMPACT ON THE ORANGE SPINY WHITEFLY IN SICILIAN CITRUS ORCHARDS**, Carmelo RAPISARDA

15:40 - 15:50 **FIELD EVALUATION OF NANO-FORMULATED METARHIZIUM ANISOPLIAE (MET-GRA4) FOR SUSTAINABLE MANAGEMENT OF RED PALM WEEVIL, RHYNCHOPHORUS FERRUGINEUS IN MALAYSIA**, Wahizatul Afzan AZMI, Jia Lei CHEONG, Raja Hasya Ilyana RAJA AHMAD, Najihah ABDUL HALIM, Norhayu ASIB, Azlina ZAKARIA

15:50 - 16:00 **DEVELOPMENT OF AN EFFECTIVE GUAVA AND YEAST-BASED FOOD BAIT TRAP FOR FEMALE FRUIT FLIES, BACTROCERA SPP. (DIPTERA: TEPHRITIDAE): A SUSTAINABLE MANAGEMENT STRATEGY**, Fazal SAID, Hasnain RAZA, Muhammad HAMAYOON KHAN

16:00 - 16:10 **VARIATION IN SUSCEPTIBILITY OF SELECTED WHEAT GENOTYPES TO RHYSSOPERTHA DOMINICA**, Saša PEŠIĆ, Zorica Pešić, Danijela COČIĆ, Filip VUKAJLOVIĆ, Dušan MARKOVIĆ, Milica ŠKORIĆ, Sanja Mikić, Ljiljana BRBAKLIC, Snezana TANASKOVIĆ, Sonja GVOZDENAC

16:10 - 16:20 **DEVELOPMENT AND LABORATORY EVALUATION OF AN ELECTROSTATIC INDUCTION CHARGING SYSTEM FOR AIR-ASSISTED ORCHARD SPRAYERS**, Ali BAYAT, Kemal AMAYA

16:20 - 16:30 **IOBC-WPRS: STRENGTHENING INTERNATIONAL COOPERATION FOR SUSTAINABLE PEST AND DISEASE MANAGEMENT**, Carmelo RAPISARDA

16:30 - 16:40 **CURRENT USES OF BENTONITE IN PEST MANAGEMENT**, Yunus Emre ALTUNÇ

16:40 - 17:00 DISCUSSION

Working committee

Chairpersons: Carmelo RAPISARDA, Snezana TANASKOVIC, Fazal SAID

17:30 - 18:30 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Wednesday, October 7th, 2026
Conference Hall C (Hotel Vucko)

PLANT PROTECTION AND FOOD SAFETY 1B

- 09:00 - 18:00** - REGISTRATION
15:20 - 16:50 - WORKING SESSIONS

Working committee

Chairperson: Zhang DI, Soner SOYLU

- 15:20 - 15:30** **DEVELOPMENT OF A COST-EFFECTIVE TECHNIQUE FOR HONEY AUTHENTICITY ASSESSMENT**, Mehmet S. UNLUTURK, Sevcin UNLUTURK, Berkay BERK
- 15:30 - 15:40** **EDIBLE SEAWEEDS AS A SOURCE OF INORGANIC ARSENIC IN THE EUROPEAN DIET: DIETARY EXPOSURE AND RISK CHARACTERIZATION**, Monika RAJKOWSKA-MYSLIWIEC, Layra PRZEDPEŁSKA, Agata WITCZAK, Kamila POKORSKA-NIEWIADA, Przemysław GÓRAL
- 15:40 - 15:50** **ZEIN-BASED ACTIVE FILMS CONTAINING AGRICULTURAL WASTE EXTRACTS FOR OXIDATIVE PROTECTION OF EXTRA VIRGIN OLIVE OIL**, Hilal TURNA, Derya ALKAN
- 15:50 - 16:00** **EFFECTS OF DIFFERENT EDIBLE COATING APPLICATIONS ON THE QUALITY ATTRIBUTES OF BLACKBERRY DURING COLD STORAGE**, Sevil UNAL, Ferhan K. SABIR, Umit IZGIS, Ali SABIR
- 16:00 - 16:10** **STUDIES ON THE PURIFICATION METHODS FOR THE POLYPHENOL OXIDASE ENZYME FROM APPLE FRUITS**, Dudu DEMİR
- 16:10 - 16:20** **EFFECT OF POSTHARVEST CHITOSAN APPLICATION ON QUALITY CHARACTERISTICS OF EKŞİ KARA AND MICHAEL PALIERI GRAPE CULTIVARS DURING COLD STORAGE**, Sevil UNAL, Ferhan K. SABIR, Ali SABIR
- 16:20 - 16:30** **PROPERTIES OF BANANA FRUIT POLYPHENOL OXIDASE**, Dudu DEMİR
- 16:30 - 16:40** **ALGINATE-BASED PROBIOTIC-LOADED EDIBLE COATINGS: EFFECTS ON PROBIOTIC VIABILITY AND FOOD QUALITY DURING STORAGE**, Merve ASLAN, Özlem KIZILIRMAK ESMER
- 16:40 - 16:50** **CHEMICAL COMPOSITION AND BIOHERBICIDAL EFFECTS OF PLANT ESSENTIAL OILS AND AQUEOUS PLANT EXTRACTS ON SEED GERMINATION OF OF BLACK (*Solanum nigrum*) AND RED NIGHTSHADE (*Solanum villosum*)**, Soner SOYLU, Nihat TURSON, İlhan UREMİS, Musa TÜRKMEN
- 16:50 - 17:20** DISCUSSION
- 17:20 - 17:30** PAUSE

Working committee

Chairpersons: Carmelo RAPISARDA, Snezana TANASKOVIC, Fazal SAID

- 17:30 - 18:30** POSTER SESSION (Hall B)
20:00 Gala dinner (live music and tasting of traditional and typical products)

Wednesday, October 7th, 2026
Conference Hall F (Hotel Vucko)

ORGANIC AGRICULTURE AND AGROECOLOGY

09:00 - 18:00 - **REGISTRATION**

09:00 - 12:00 - **WORKING SESSIONS**

Working committee

Chairperson: Malik FERDOSI, Muzaffer DENLI

09:00 - 09:10 **BIOCHAR IN CIRCULAR AGRICULTURE: LINKING AGRICULTURAL WASTE CONVERSION, LIVESTOCK EMISSIONS AND SOIL QUALITY**, Jiri KUCERIK, Jiri HOLATKO, Katerina SNOPKOVA, Antoni KINTL, Petra PROCHAZKOVA, Eliska KAMENIKOVA, Oldrich LATAL, Martin BRTNICKY

09:10 - 09:20 **EFFECT OF THE POLYCULTURE EXPERIMENTAL DESIGN ON THE RECOVERY OF PEDOGENETICS OF TEPETATES: ATLIXCO, PUEBLA (2021-2025)**, Juan MALDONADO MONTALVO, Guadalupe Gabriela BARCENA VICUÑA, Miguel ANGEL CASIANO VENTURA

09:20 - 09:30 **ORGANIC MULCHING AS AN AGROECOLOGICAL PRACTICE FOR CAROB TREE RESILIENCE UNDER WATER SCARCITY AND CLIMATE CHANGE**, Fatima Zahra MATALLAH, Rachid BOUAMRI, Reda MEZIANI, Rachid RAZOUK, Mustapha EL JANATI, Lahcen HSSAINI, Aziz FADLAOU

09:30 - 09:40 **PHYTOCHEMICAL PROFILING AND ANTIBACTERIAL ACTIVITY OF ESSENTIAL OIL OF DOMBEYA SPECTABILIS LEAVES FROM PAKISTAN**, Malik F. H. FERDOSI, Arshad JAVAID, Ali FARAN

09:40 - 09:50 **CONSUMER AWARENESS, PRICE BARRIERS, AND MARKET DEMAND FOR ORGANIC FOOD: EVIDENCE FROM DIYARBAKIR, TÜRKIYE**, Sibel BOZKURT, Nujin TAŞTEKIN, Ali HAN ÖZYURAN, Muzaffer DENLI

09:50 - 10:00 **DIVERSITY AND COMPOSITION OF MITES (ACARI) ASSOCIATED WITH WEEDS IN COMMERCIAL CITRUS ORCHARDS IN SOUTHWESTERN CALDAS, COLOMBIA**, Daniel CASTAÑO-SUÁREZ, Juan Manuel OSORNO-MARÍN, Carolina ZAMORANO-MONTAÑEZ

10:00 - 10:10 **FLORAL ESSENTIAL OIL OF DOMBEYA SPECTABILIS: GC-MS CHEMICAL PROFILING AND IN VITRO ANTIBACTERIAL EVALUATION**, Malik F. H. FERDOSI, Arshad JAVAID

10:10 - 10:20 **EFFECT OF SLAUGHTERHOUSE COMPOST PREPARED THROUGH DIFFERENT METHODS ON THE GROWTH OF SPINACH**, Hafiz MUHAMMAD RIZWAN, Muhammad SOHAIL SAJID

10:20 - 10:30 **FARMER RESEARCH NETWORKS AND AGROECOLOGICAL TRANSITION: LEARNING PROCESSES AND FARM-LEVEL TRANSFORMATION IN MALAWI**, Joseph Jackson KAMANGA, Nouredin DRIOUECH, Isaac MAMBO, Frank TCHUWA

10:30 - 11:00 DISCUSSION

11:00 - 11:30 PAUSE

Working committee

Chairperson: Malik FERDOSI, Muzaffer DENLI

11:30 - 12:30 POSTER SESSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

20:00 Gala dinner (live music and tasting of traditional and typical products)

ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT

09:00 - 18:00 - **REGISTRATION**

08:30 - 19:00 - **WORKING SESSIONS**

Working committee

Chairperson: Branislav DRASKOVIC, Natasa CERKOVIC

09:00 - 09:10 **MICROBIOLOGICAL COMMUNITIES IN ACTIVATED SLUDGE AND THEIR ROLES**, Tara PALAMAR, Aleksandar ŠOBOT – **INTRODUCTORY PAPER**

09:10 - 09:20 **ASSESSMENT OF PLANT NUTRIENTS AND HEAVY METAL-RELATED ECOLOGICAL RISKS OF BIOCHAR PRODUCED FROM DIFFERENT FEEDSTOCKS UNDER VARYING PYROLYSIS TEMPERATURES**, Algimanta KUNDROTAITE, Karolina BARCAUSKAITE

09:20 - 09:30 **VALORIZATION OF AGRICULTURAL WASTE INTO BIOCHAR AND ITS POTENTIAL IN THE REMEDIATION OF PESTICIDE-CONTAMINATED WASTEWATER**, Fatima Betül TURAN EKREM, Hüseyin Cengiz YATMAZ, Nihal BEKTAŞ

09:30 - 09:40 **EVALUATION OF RAINWATER QUALITY IN AP VOJVODINA: PARSLEY AND CORIANDER BIOTEST**, Antonije ŽUNIĆ, Brankica KARTALOVIĆ, Nemanja CVJETAN, Marko RADENKOVIĆ

09:40 - 09:50 **NEXT GENERATION MONITORING SYSTEMS AIMED AT CERTIFYING NATURE CREDITS**, Carlo Maria CUSARO, Sahar HOJABRY, Alessandro CERIOLI, Alessandro COSTANZO, Daniele RATTINI, Flavio BAROZZI, Gregory CASTELLA, Giacomo PURROMUTO, Enrico SARTORI, Marco SALVADEO, Maura BRUSONI

09:50 - 10:00 **EU POLICY INFLUENCE AND CONTEMPORARY SCIENTIFIC APPROACHES TO FOREST RESTORATION IN CROATIA**, Martina ĐODAN, Dora BAKSA, Andrija BARIŠIĆ, Sanja PERIĆ, Karmen VUGDELIJA, Lucija ŽGELA

10:00 - 10:20 DISCUSSION

10:20 - 10:30 PAUSE

Working committee

Chairperson: Natasa CERKOVIC, Branislav DRASKOVIC

10:30 - 10:40 **CULTIVATED CROP TYPES IN BOSNIA AND HERZEGOVINA BASED ON THE COPERNICUS' HIGH RESOLUTION LAYER CROPLANDS DATASET**, Branislav DRAŠKOVIĆ, Ljiljana TANASIĆ, Alexander PONOSOV, Natalia ZHERNAKOVA

10:40 - 10:50 **DESIGN AND EXPERIMENTAL STUDY OF BIONIC ANTI-ADHESION AND SOIL-DESORPTION CRAWLER GROUSERS FOR RICE COMBINE HARVESTERS**, Meng FANG, Jiahao SHEN, Yuxuan CHEN, Zhong TANG

10:50 - 11:00 **BENEFITS OF REGENERATIVE MANAGEMENT STRATEGIES ON SOIL MICROBIAL COMMUNITIES**, Sahar HOJABRY, Carlo Maria CUSARO, Alessandro CERIOLI, Daniele RATTINI, Gregory CASTELLA, Maura BRUSONI

11:00 - 11:10 **LAND DEGRADATION ANALYSIS IN RURAL AREAS IN LATVIA**, Vivita PUKITE

11:10 - 11:20 **AGRICULTURAL PRACTICES SHAPE SOIL PROPERTIES AND MICROBIAL FUNCTIONAL POTENTIAL**, Skaidrē SUPRONIENĒ, Danas BANIULIS, Inga TAMOŠIUNĒ, Neringa MATELIONIENĒ, Arman SHAMSHITOV, Simona PRANAITIENĒ, Gražina KADZIENĒ

11:20 - 11:30 **WATER AND SOIL CONSERVATION TECHNIQUES, FACING HUMAN CONSTRAINTS IN THE ATLANTIC SEHOUL PLATEAUS OF MOROCCO**, Nadia MACHOURI, Mohamed SFA

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairpersons: Valeria SODANO, Aleksandar SOBOT

12:00 - 12:10 **MONITORING DRY SEASON VEGETATION MOISTURE IN THE PROTECTION ZONES OF THE ALIBEYKOY WATERSHED**, Reyhan SAĞLAM

12:10 - 12:20 **TRADITIONAL USES AND ETHNOBOTANICAL SIGNIFICANCE OF THYMUS VULGARIS, HYPERICUM PERFORATUM AND ORIGANUM VULGARE**, Teodora JOSIMOVSKA KUZEVSKA, Silvana MANASIEVSKA

12:20 - 12:30 **EFFECTS OF GYPSUM AND LIME APPLICATIONS ON THE CHEMICAL PROPERTIES OF AN ACIDIC SOIL**, Abdurrahman AY, Rıdvan KIZILKAYA, Salih DEMİRKAYA, Coşkun GÜLSER

12:30 - 12:40 **COMPARING DOMESTIC, TOURISTIC, AND AGRICULTURAL PRESSURES ON A CRITICAL WETLAND: ENEZ DALYAN LAGOON (TÜRKİYE)**, Cem TOKATLI

12:40 - 12:50 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairpersons: Aleksandar SOBOT, Valeria SODANO

15:30 - 15:40 **OPERATIONAL CONSTRAINTS AND LONG-TERM IRRIGATION PERFORMANCE IN COOPERATIVE OPEN-CANALETTE SCHEMES**, Eray HARMAN

15:40 - 15:50 **RECYCLING AND REUSE OF WATER IN BOSNIA AND HERZEGOVINA**, Vesna TUNGUZ, Milica MORO

15:50 - 16:00 **LEGISLATIVE READINESS FOR AGRICULTURAL WATER REUSE IN REPUBLIKA SRPSKA: ALIGNMENT WITH EU REGULATION 2020/741**, Nataša ČEREKOVIĆ, Milica MARIĆ, Sunčica BODRUŽIĆ

16:00 - 16:10 **SURFACE AREA DECLINE IN LAKE EĞİRDİR UNDER CHANGING HYDROLOGICAL CONDITIONS: RECENT TRENDS AND NEAR-TERM RISKS**, Betül UYGUR ERDOĞAN, Reyhan SAĞLAM

16:10 - 16:20 **SCREENING OF LACTOBACILLUS STRAINS FOR BILE SALT HYDROLASE (BSH) ACTIVITY AND THEIR CHARACTERIZATION**, Mehmet ÖZTÜRK, Zekiye KLIÇSAYMAZ

16:20 - 16:30 **SCREENING OF LACTOBACILLUS ISOLATES EXHIBITING ANTAGONISTIC ACTIVITY AGAINST PAENIBACILLUS LARVAE**, Mehmet ÖZTÜRK, Sarah ANJAM

16:30 - 16:45 DISCUSSION

16:45 - 17:00 PAUSE

Working committee

Chairpersons: Branislav DRASKOVIC, Natasa ČEREKOVIĆ, Vesna TUNGUZ

17:00 - 18:00 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Wednesday, October 7th, 2026
Conference Hall F (Hotel Vucko)

ANIMAL HUSBANDRY

09:00 - 18:00 - REGISTRATION

15:00 - 18:30 - WORKING SESSIONS

Working committee

Chairperson: Muhammad Zubair ANJUM, Tatjana KRAJISNIK

15:00 - 15:10 **DETERMINANTS OF FARMERS' READINESS FOR TRANSITION TO ORGANIC CATTLE PRODUCTION IN SERBIA**, Bojana RISTANOVIC, Nataša PEROVIC, Tamara MARINKOVIC – **INTRODUCTORY PAPER**

15:10 - 15:20 **ARTIFICIAL INTELLIGENCE FOR MYCOTOXIN RISK MANAGEMENT: A NEXT-GENERATION APPROACH**, Muzaffer DENLI, Alkan ÇAGLI

15:20 - 15:30 **OCCUPATIONAL DISEASES AND HEALTH RISKS FOR WORKERS IN ANIMAL PRODUCTION: A REVIEW**, Turgut AYGÜN

15:30 - 15:40 **ROLE AND SIGNIFICANCE OF THE CENTRE "MALI DUNAV" IN THE PROMOTION OF FISHERIES AND AQUACULTURE**, Marko STANKOVIC, Stefan MARJANOVIĆ, Aleksandra DOBRIĆIĆ, Vukosav GOLUBOVIC, Dalibor VUKOJEVIĆ, Tara ŽUGIĆ, Zoran MARKOVIC

15:40 - 15:50 **MODERN PROSPECTS AND CHALLENGES OF ROMANOV SHEEP BREEDING**, Vsevolod V. CHEKMAREV, Irina N. SYCHEVA, Ekaterina A. MURADYAN

15:50 - 16:00 **POSSIBILITIES OF CONTROLLING REPRODUCTIVE ACTIVITY USING ARTIFICIAL PHOTOPERIOD AND EXOGENOUS MELATONIN IN SHEEP**, Turgut AYGÜN

16:00 - 16:15 DISCUSSION

16:15 - 16:30 PAUSE

Working committee

Chairpersons: Hana ZAKARIA, Bojana RISTANOVIC

16:30 - 16:40 **PHENOLIC PROFILE OF AGRO-INDUSTRIAL BY-PRODUCT SILAGE BASED ON OLIVE MILL WASTEWATER OR GRAPE POMACE FOR RUMINANT FEEDING**, Roberta Savina DIBENEDETTO, Mónica SÁNCHEZ-PARRA, José Luis ORDÓÑEZ-DÍAZ, José Manuel MORENO-ROJAS, Alessio DI LUCA, Angela Gabriella D'ALESSANDRO

16:40 - 16:50 **MORINGA LEIFERA LEAVES, SUPPLEMENTATION ON PERFORMANCE OF BROILER CHICKENS**, Hana ZAKARIA, Shadi Al-HANTOULI, Mouhammad JALAL

16:50 - 17:00 **BEHAVIOURAL RESPONSES OF BEEF CATTLE DURING SHORT-DISTANCE TRANSPORTATION: IMPLICATIONS FOR ANIMAL WELFARE**, Vytautas RIBIKAUSKAS, Jūratė KUČINSKIENĖ, Gintarė ZABORSKIENĖ

17:00 - 17:10 **EFFECT OF REPLACING FEATHER MEAL WITH BLACK SOLDIER FLY LARVAE MEAL ON HEMATOLOGICAL PARAMETERS AND ANTIOXIDANT STATUS OF GOLDEN MAHSEER (TOR PUTITORA)**, Muhammad Zubair ANJUM, Rubeena ZEB, Muhammad IRFAN, Saeed ur REHMAN, Asghar KHAN, Shahida BATOOL

17:10 - 17:20 **ARTIFICIAL INTELLIGENCE IN THE POULTRY INDUSTRY: PRESENT INNOVATIONS AND FUTURE DIRECTION**, Muzaffer DENLI

17:20 - 17:30 **COMPARISON FOR SOME TESTICULAR CHARACTERISTICS IN MORKARAMAN AND NORDUZ MALE LAMBS**, Turgut AYGÜN

17:30 - 17:45 DISCUSSION

17:45 - 18:00 PAUSE

Working committee

Chairperson: Muhammad Zubair ANJUM, Hana ZAKARIA, Bojana RISTANOVIC

18:00 - 19:00 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Wednesday, October 7th, 2026
Conference Hall D (Hotel Vucko)

RURAL DEVELOPMENT AND AGRO-ECONOMY

09:00 - 18:00 - **REGISTRATION**

09:00 - 13:00 - **WORKING SESSIONS**

Working committee

Chairpersons: Hamid EL BILALI, Zbyněk ULČÁK

09:00 - 09:10 **ECONOMIC PARAMETERS OF AUTOCHTHONOUS AND INTERNATIONAL GRAPEVINE VARIETIES FOR RED WINE PRODUCTION**, Mladen PETROVIĆ, Darko JAKŠIĆ, Bojan DIMITRIJEVIĆ, Zoran RAJIĆ, Ivan BRADIĆ – **INTRODUCTORY PAPER**

09:10 - 09:20 **SYNERGIES BETWEEN ANTHROPOGENIC AND ECONOMIC FACTORS AFFECTING THE DECLINE IN BABASSU PRODUCTION IN THE STATE OF MARANHÃO, BRAZIL**, José de Jesus Sousa LEMOS

09:20 - 09:30 **CAN LOCAL AGRICULTURE SUPPLY SCHOOL CANTEENS? AN ANALYSIS OF FOOD DEMAND AND SUPPLY CHAINS IN SEFROU PROVINCE, MOROCCO**, Khadija JAAFARY, Nassreddine MAATALA, Younes BEKKAR, Nisrine LAAYOUNI, Julien BURTE, Thi Minh Hop HO, Philippe BURNY

09:30 - 09:40 **NANOFERTILIZERS AND FOOD SYSTEM SUSTAINABILITY: A CRITICAL ASSESSMENT**, Valeria SODANO

09:40 - 09:50 **ECONOMIC EVALUATION OF DECARBONIZATION TIMING IN PERMANENT GRASSLAND SYSTEMS**, Rita BUŽINSKIENĖ

09:50 - 10:00 **ADDRESSING DIVERSIFICATION GAPS IN SOUTH-EASTERN EUROPEAN AGRI-FOOD SYSTEMS**, Gordana ĐURIĆ, Gvozden MIČIĆ, Danijela KONDIĆ, Nikola MIČIĆ

10:00 - 10:20 DISCUSSION

10:20 - 10:40 PAUSE

Working committee

Chairpersons: Zbyněk ULČÁK, Hamid EL BILALI

10:40 - 10:50 **CONSUMER READINESS FOR DIGITAL HONEY TRACEABILITY: PLATFORM DESIGN IMPLICATIONS**, Ewa Wanda ZIEMBA

10:50 - 11:00 **ANALYSIS OF DISTRIBUTION CHANNELS OF SMALL-SCALE WINE PRODUCERS IN MONTENEGRO: CURRENT SITUATION, KEY CHALLENGES AND DEVELOPMENT PROSPECTS**, Nataša PEROVIĆ, Bojana RISTANOVIĆ

11:00 - 11:10 **SOCIOLOGY OF DECISION-MAKING: A CASE STUDY OF INTEGRATED RURAL DEVELOPMENT PROGRAMME IN PAKISTAN**, Hazrat Said, Muhammad Jawad

11:10 - 11:20 **COST AND RETURNS ANALYSIS OF SELECTED FRUITS VENDING IN DIOBU AREA OF PORT HAR COURT CITY, RIVER STATE, NIGERIA**, Ikechi Kelechi AGBUGBA, Sunday King AGBAGWA, Hamlet Obumneme AMADI, Phokele MAPONYA

11:20 - 11:30 **HISTORICAL DEVELOPMENT AND EVALUATION OF LAND CONSOLIDATION PROJECTS IN AYDIN PROVINCE, TURKIYE**, Emre DURUKAL, Safiye Pinar TUNALI, Necdet DAĞDELEN

11:30 - 11:40 **IMPROVING MARKET ACCESS FOR SMALLHOLDER BROILER FARMERS THROUGH CONTRACT FARMING MODELS IN LAGOS STATE, NIGERIA**, Augustine Udu OKOCHUKWU, Ikechi Kelechi AGBUGBA, Phokele MAPONYA

11:40 - 12:00 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairpersons: Hamid El BILALI, Dragana OSTIC

15:30 - 16:30 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Wednesday, October 7th, 2026
Conference Hall H (Hotel Vucko)

FORESTRY AND AGRO-FORESTRY

09:00 - 18:00 - REGISTRATION

09:00 - 18:30 - WORKING SESSIONS

Working committee

Chairpersons: Sasa ORLOVIC, Marko GUTALJ

09:00 - 09:10 **POTENTIAL ROLE OF FORESTRY IN THE GLOBAL CLIMATE CHANGE MITIGATION – SYLVOMITIGATION**, Michal V. MAREK

09:10 - 09:20 **AN ENERGY-AUTONOMOUS IoT-WSN INFORMATION SYSTEM FOR EARLY WILDFIRE DETECTION: SAFEGUARDING THE AGRO-FORESTRY INTERFACE IN PRESPA NATIONAL PARK**, Dimitrios SOLAKIS, Dimitrios KALFAS, Theodoris ZAGAS, Zacharoula ANDREOPOULOU

09:20 - 09:30 **MECHANICAL SOIL PREPARATION AS A KEY STRATEGY TO REDUCE BELOWGROUND COMPETITION DURING FOREST REGENERATION**, Kārlis DUMIŅŠ, Toms Artūrs STĀLS, Dagnija LAZDIŅA, Viktorija VENDIŅA, Austra ZUŠEVICA

09:30 - 09:40 **COMPETITION BETWEEN SOIL MICROBIAL COMMUNITIES AFFECTS THE OUTCOME OF PLANT-PLANT COMPETITION**, Francisco I. PUGNAIRE, Christian KINDLER

09:40 - 09:50 **INTEGRATING QUINOA INTO AGROFORESTRY SYSTEMS: AN INNOVATIVE NATURE-BASED SOLUTION TO ENHANCE LAND USE EFFICIENCY IN SALT-AFFECTED REGIONS OF ESATERN MOROCCO**, Ilham ABIDI, Si Bennasseur ALAOUI

09:50 - 10:00 **FROM SHELTERBELT TO CROPLAND: SPATIAL VARIABILITY OF SOIL CO₂ AND CH₄ FLUXES IN THE SOUTHERN FOREST-STEPPE OF RUSSIA**, Sergey SHESHNITSAN, Andrei BAKHTIN

10:00 - 10:20 DISCUSSION

10:20 - 10:30 PAUSE

Working committee

Chairpersons: Michael MAREK, Vladimir VISACKI

10:30 - 10:40 **WHAT DEFINES A HIGH-QUALITY FOREST SEEDLING? A COMPREHENSIVE REVIEW**, Martina ĐODAN, Sanja PERIĆ, Karmen VUGDELIJA, Lucija ŽGELA, Dora BAKSA, Andrija BARIŠIĆ

10:40 - 10:50 **WOODY UNDERSTOREY STUDY IN A HUNGARIAN OAK FOREST. STATUS AND CHANGES BETWEEN 2012 AND 2022**, Tamás MISIK, Imre KÁRÁSZ

10:50 - 11:00 **INTEGRATED TLS-ALS-HYPERSPECTRAL DATA FUSION FOR NEXT-GENERATION DIGITAL TWINS IN FORESTRY**, Vladimir VISACKI, Dejan B. STOJANOVIC, Srdjan STOJNIC, Lazar KESIC, Lazar JEFTIC, Leopold POLJAKOVIC PAJNIK, Sasa ORLOVIC

11:00 - 11:10 **DETERMINATION OF THE ORIGIN OF ANCIENT ALDER (ALNUS GLUTINOSA) AND SCOTS PINE (PINUS SYLVESTRIS) WOOD USING DNA ANALYSIS**, Jurata BUCHOVSKA, Anna OZAIST-PRZYBYŁA

11:10 - 11:20 **CARBON SEQUESTRATION POTENTIAL OF DECIDUOUS TREE PLANTATIONS ESTABLISHED ON AGRICULTURAL LAND IN LATVIA**, Kristaps MAKOVSKIS, Arta BĀRDULE, Austra ZUŠEVICA, Andis BĀRDULIS, Andis LAZDIŅŠ, Dagnija LAZDIŅA

11:20 - 11:30 **FROM KNOWLEDGE TO ACTION: CURRICULAR PATHWAYS FOR SUSTAINABLE DEVELOPMENT IN HIGHER EDUCATION**, Ignacio J. DIAZ-MAROTO

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

13:00 - 14:00 Mountain cable car ride

14:00 - 15:30 Lunch break

Working committee

Chairperson: Srdjan LJUBOJEVIC, Vladimir VISACKI

15:30 - 15:40 **COST-EFFECTIVENESS OF TRADITIONAL AND MODERN METHODS FOR KEY MORPHOLOGICAL PARAMETERS OF FOREST SEEDLINGS**, Martina ĐODAN, Dora BAKSA, Andrija BARISIĆ, Sanja PERIĆ, Lucija ŽGELA, Karmen VUGDELIJA

15:40 - 15:50 **PERFORMANCE OF BIO-BASED COATINGS ON FAÇADE PANELS: RESULTS AFTER ONE-YEAR OUTDOOR WEATHERING**, Andris BERZINS, Ramunas TUPCIAUSKAS, Martins ANDZS, Gunars PAVLOVICS

15:50 - 16:00 **PLANT GROWTH REGULATORS CONTROL ADVENTITIOUS ROOT FORMATION IN POPULUS TREMULA IN VITRO**, Miglė VAIČIUKYNĖ, Valentinas CERNIAUSKAS, Jonas ŽIAUKA, Iveta VARNAGIRYTĖ-KABAŠINSKIENĖ

16:00 - 16:10 **INVESTIGATION OF BIO-BASED PARTICLEBOARD FOR APPLICATION IN BUILDING FAÇADE**, Ramunas TUPCIAUSKAS, Laura ANDZE, Oskars BIKOVENS, Andris BERZINS, Martins ANDZS, Gunars PAVLOVICS

16:10 - 16:20 **THE ROLE OF URBAN FORESTRY IN BIODIVERSITY CONSERVATION, RESILIENCE, AND ADAPTATION TO CLIMATE CHANGE**, Ignacio J. DIAZ-MAROTO

16:20 - 16:40 DISCUSSION

16:40 - 17:00 PAUSE

Working committee

Chairpersons: Sasa ORLOVIC, Michael MAREK, Marko GUTALJ

17:00 - 18:00 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Thursday, October 8th, 2026

EXCURSION

The Symposium has organized whole day tour to Visegrad and different areas in the surroundings of Visegrad. Included: professional tourist guides; lunch in Visegrad; refreshments.

08:30 - 19:00 EXCURSION (Departure from hotel Vucko)

Andrićtown

Andrićtown (Andrićgrad) is a tourist, cultural, administrative and educational complex. Andrićgrad is a project of a famous film director Emir Kusturica, the stone town inspired by the literary works and characters of Nobel Prize winner Ivo Andrić. It's architecture is a mix of different eras and styles that passed throughout Visegrad history: the Byzantine style, the Ottoman period, the Renaissance, the Classicism. Andrićgrad is one of the biggest tourist attractions in the region, together with Mehmed pasa bridge, Drina river boat cruise, and reconstructed narrow gauge tourist railway Visegrad - Mokra Gora.



Cruise on river Drina

One-hour cruise with several boats from the Mehmed-pasha Sokolovic's bridge to thermal stream in the village Sase and back will be organized for AGROSYM 2016 participants. Boat "Lotika" is currently the largest boat on the Drina with a capacity of over 80 passengers and it was built on the Andrićgrad's building site in less than 5 months. In fact, It was built by the admiral and the captain, father and son, Davor and Nenad Radović, people with long experience in maritime transport and shipbuilding, and it can be also said that they have built the most beautiful and best ship that sails on the Drina river.

The bridge on the Drina

The bridge on the Drina is a heritage of the great vizier Mehmed pasa Sokolovic (in Turkish Sokollu Mehmet Paşa, 1505. or 1506-1579). He is one of the great Osman war generals by origin from Bosnia. He was born in small village Sokolovići in 1505. or 1506, and was a child of Orthodox parents. At the highest peak of his rule, he orders to build the bridge on Drina at Višegrad that no other bridge looks alike. The bridge was built in the period from 1571 to 1577 by at that time the most famous Turkish architect Kodža Mimar Sinan. In 2007. bridge entered UNESCO world heritage list as a bridge with big cultural impact, and also as a best representative of a classical ottoman style in bridge making.



20:00 DINNER AT HOTEL



Friday, October 9th, 2026

SARAJEVO HALF DAY GUIDED POST-CONFERENCE EXCURSION
(price 30 euro per person)

09:00 - 13:00

Included: visit to Sarajevo Old City;
professional tourist guides; refreshments

Wednesday, October 7th, 2026

POSTER SESSION

Posters will be presented in e-version (no printed posters)

PLANT PRODUCTION

Conference Hall A (Hotel Vucko)

Wednesday, (October 7th, 2026), 18:00 - 19:00

Working committee

Chairpersons: Theano LAZARIDOU, Desimir KNEZEVIC, Aleksejs ZACEPINS

- P 01 CHARIPINAE HYPERPARASITOIDS IN ALGERIAN CITRUS ORCHARDS: NEW RECORDS AND IMPLICATIONS FOR APHID BIOLOGICAL CONTROL**, Zine Eddine LABDAOUI, Yamina GUENAOUI, Juli PUJADE-VILLAR, Jesus SELFA, Mar FERRER-SUAY
- P 02 PEPTIDE SIGNALLING ENHANCES NITROGEN USE EFFICIENCY (NUE), YIELD, AND GRAIN PROTEIN IN WHEAT (*TRITICUM AESTIVUM* L.)**, Baber ALI, Nijat IMIN
- P 03 ATRIPLEX HALIMUS L.: A PROMISING SPECIES FOR THE BIOLOGICAL RECLAMATION OF SALINE SOILS AND SUSTAINABLE FORAGE PRODUCTION IN AZERBAIJAN**, Sevil ABBASQULIYEVA
- P 04 INSECTS AS A SOURCE OF INSPIRATION: INTEGRATING ENTOMOLOGY, AGRICULTURAL SUSTAINABILITY, AND CONCEPTUAL PERSPECTIVES**, Mohammed HUSSEIN
- P 05 THE EFFECT OF DIFFERENT FERTILIZATION AND SOIL MULCHING SYSTEMS ON THE MINERAL COMPOSITION OF LETTUCE (*LACTUCA SATIVA* L.)**, Aleksandra GOVEDARICA-LUČIĆ, Ivana KOVAČEVIĆ, Sanid PAŠIĆ, Alma MEMIĆ, Cerima ZAHIROVIĆ SINANOVIĆ
- P 06 EFFECTS OF WINTER COVER CROPS AND THEIR MIXTURES ON BIOMASS PRODUCTION AND SOIL CHEMICAL PROPERTIES**, Branka GOVEDARICA, Igor ĐURĐIĆ, Nevena RISTIĆEVIĆ, Saša LALIĆ, Vesna MILIĆ
- P 07 INFLUENCE OF SUBSTRATE VOLUME PER PLUG CELL ON THE GROWTH AND QUALITY OF PEPPER (*CAPSICUM ANNUUM* L.) TRANSPLANTS**, Elma SEFO, Josip PIPLICA, Zrinka KNEZOVIĆ
- P 08 EFFECT OF BIOCHAR APPLICATION ON TOMATO (*Lycopersicon esculentum* Mill.) YIELD AND QUALITY**, Ivana TOŠIĆ, Vojislav TRKULJA, Novo PRŽULJ, Mihajlo MARKOVIĆ, Michal NOVOTNÝ, Jakub RAČEK, Tomáš CHORÁZY, Petr HLAVÍNEK, Ljiljana BOŠKOVIĆ RAKOČEVIĆ
- P 09 PHYSIOLOGICAL RESPONSE OF VEGETABLES AND FIELD CROPS TO DROUGHT STRESS: A REVIEW**, Mirjana JOVOVIĆ, Aleksandra GOVEDARICA – LUČIĆ, Zoranka MALEŠEVIĆ, Tanja JAKIŠIĆ
- P 10 COMPARATIVE ANALYSIS OF PHENOLIC CONTENT IN LEAVES OF THE EVALUATED OLIVE CULTIVARS (*Olea europea* L.)**, Mirjana RADOVIĆ, Dzenan VUKOTIĆ, Ahmed DZUBUR, Alma LETO, Edin RAMIĆ, Radovan ROSIĆ
- P 11 ANALYSIS OF THE PHYSICAL PROPERTIES OF THE FRUIT OF TWO POMEGRANATE (*PUNICA GRANATUM* L.) CULTIVARS FROM DIFFERENT LOCATIONS**, Mirjana RADOVIĆ, Milica MILETIĆ, Mihajlo LIZDEK, Budimir BURNJAKOVIĆ, Stefan DZINO, Dejan ZEJAK, Tatjana ROSIĆ
- P 12 MORPHOLOGICAL CHARACTERIZATION OF A WALNUT (*JUGLANS REGIA* L.) WITH LATE VEGETATION**, Nada ZAVIŠIĆ, Jelena DAVIDOVIĆ GIDAS
- P 13 EFFECT OF SOIL CONDITIONS ON THE CHEMICAL COMPOSITION OF THE ESSENTIAL OIL OF *Satureja montana* L.**, Zoranka MALEŠEVIĆ, Mirjana JOVOVIĆ, Selena KOVAČEVIĆ, Ivana BOŠKOVIĆ, Jelena LAZAREVIĆ
- P 14 EFFECT OF AZOSPIRILLUM BRASILENSE ON PASTURES UNDER DIFFERENT STOCKPILING PERIODS IN THE BRAZILIAN CERRADO**, Davi Moraes de OLIVEIRA, Gelson dos Santos DIFANTE, Jéssica Gomes RODRIGUES, Otávio FRANCE, Denise Baptagin MONTAGNER, Julian Andres Guzman ANDRADE, Alexandre Romeiro de ARAÚJO, Amanda Eunice SILVA, Marina CASTRO

- P 15 ASSOCIATION MAPPING OF GRAIN TRAITS WITH MICROSATELLITE MARKERS IN BREAD WHEAT (*TRITICUM AESTIVUM* L.) UNDER POST-ANTHESIS DROUGHT CONDITIONS**, Khaled F. M. SALEM
- P 16 ROLES OF SOME GROWTH REGULATORS AND ANTIOXIDANTS ON GROWTH AND YIELD OF SWEET POTATO.**, Rasha R. Eid, Sherin M. Yousif
- P 17 PRECEDING CROP AND FERTILIZATION AFFECT *Le*AMT EXPRESSION AND DRY MATTER YIELD IN HAIRY VETCH**, Kaidi MÖLL, Jessica Carita TEPPER, Mailiis KORGE, Liina TALGRE, Liili HIRSNIK, Marite MANGLUS, Evelin LOIT-HARRO
- P 18 SEED PRIMING IN *Echinacea purpurea* (L.): EFFECTS IN SEED GERMINATION AND SEEDLING VIGOR**, Sampina Maria DIGKTSI, Christina TOYMPOY, Ourania PAVLI
- P 19 SEED PRIMING IN *Glycyrrhiza glabra* L. AS A STRATEGY TO ENHANCE GERMINATION**, Christina TOYMPOY, Evangelia PANAGIOTAKI, Georgia MELISSARI, Ourania PAVLI
- P 20 CANOPY ARCHITECTURE REORGANIZES PHYSIOLOGICAL COORDINATION AND FRUIT QUALITY IN PEACH TREES**, Ioannis CHATZIEFFRAIMIDIS, Dimos STOURIS, Marina Rafailia KYROU, Fokion PAPATHANASIOU, Evangelos KARAGIANNIS
- P 21 EFFECT ON THE YIELD OF TWO OREGANO POPULATIONS USING VARIOUS BIOSTIMULANTS**, Kyriakos D. GIANNOULIS, Dimitrios BARTZIALIS, Angelos CHONTAS, Ippolitos GINTSIODIS, Nikolaos G. DANALATOS
- P 22 IS THERE A BIOSTIMULANT EFFECT ON SAGE IN A SOIL-COVER CULTIVATION SYSTEM?**, Kyriakos D. GIANNOULIS, Dimitrios BARTZIALIS, Panteleimon KOILIARIS, Ippolitos GINTSIODIS, Nikolaos G. DANALATOS
- P 23 EFFECT OF TWO DIFFERENT SPATIAL ARRANGEMENT ON FORAGE AND GRAIN YIELD OF LEGUMES INTERCROPPING WITH CEREALS**, Theodoros GKALITSAS, Pavlos DIMITRIOU, Nikolaos MOYSIADIS, Theano LAZARIDOU
- P 24 EFFECT OF SEED TREATMENT ON THE EMERGENCE AND EARLY GROWTH OF MAIZE HYBRIDS UNDER LOW TEMPERATURE CONDITIONS**, Eszter CSEPREGI-HEILMANN, Tamás SPITKÓ, Ágnes ÁLDOTT-SIPOS, Csaba SZÓKE, Tamás BERZY, Éva DARKÓ, Adrienn SZÉLES, Csaba L. MARTON
- P 25 APPLICATION OF PORTABLE PHOTOMETRIC DEVICES IN MAIZE YIELD ESTIMATION**, Tamás SPITKÓ, Eszter CSEPREGI-HEILMANN, Csaba SZÓKE, Tamás BERZY
- P 26 A REACTION-DIFFUSION MODEL FOR SPATIAL OXYGEN CONTROL IN NITROGEN FIXATION**, Hiwa GOLPIRA, Neshat RAHIMPOUR, Faegheh ETMINANI, Francisco ROVIRA-MÁS
- P 27 RESEARCH ON TASK PLANNING OF A FOUR-ARM ROBOT FOR HARVESTING IN NON-STANDARDIZED HIGH-SPINDLE APPLE ORCHARD**, Xiaojie Lei, Jizhan Liu, Houkang Jiang, Yong Jiang, Shengyi Zhao
- P 28 WHEAT SEED GERMINATION ANALYSIS BY TESTER BY ENTRY INTERACTION UNDER SALICYLIC ACID AND SALICYLIC ACID TREATING**, Naser SABAGHNIA, Mohsen JANMOHAMMADI
- P 29 BILOT ANALYSIS OF PRE-SOWING OF SUNFLOWER SEEDS WITH SILICON NANOPARTICLES**, Naser SABAGHNIA, Mohsen JANMOHAMMADI
- P 30 STRESS-SELECTED PGPR FROM TOMATO RHIZOSPHERE AS CANDIDATES FOR SUSTAINABLE AGRICULTURE UNDER SALINITY AND DROUGHT**, Amna CHAUDHRY, Monica YORLADY ALZATE ZULUAGA, Stefano CESCO, Youry PII
- P 31 BREEDING A CAROTENOID-RICH PUMPKIN VARIETY FOR IMPROVED NUTRITIONAL QUALITY AND HUMAN HEALTH**, Martina GHIDOLI, Ervane Laure CHEYEP DINZEU, Elena CASSANI, Michela LANDONI, Roberto PILU
- P 32 INTEGRATED PHENOTYPIC AND MOLECULAR CHARACTERIZATION OF ITALIAN RUNNER BEAN (*PHASEOLUS COCCINEUS* L.) LANDRACES FOR AGROBIODIVERSITY CONSERVATION**, Martina GHIDOLI, Marta PECONI, Elena CASSANI, Stefano SANGIORGIO, Roberto PILU
- P 33 IRON AVAILABILITY DRIVES DISTINCT METABOLIC REPROGRAMMING OF CUCUMBER ROOT EXUDATES**, Thomas PIERI, Leilei ZHANG, Mónica Yorlady ALZATE ZULUAGA, Sonia MONTERISI, Luigi LUCINI, Stefano CESCO, Youry PII

- P 34 LONG-TERM EFFECTS OF TILLAGE TECHNOLOGIES ON PHOTOSYNTHETIC PARAMETERS**, Aušra SINKEVIČIENĖ, Alfredas SINKEVIČIUS, Vaclovas BOGUŽAS, Gabrielė GRYBAITĖ, Anicetas LENKIS, Rasa KIMBIRAUSKIENĖ
- P 35 LONG-TERM IMPACT OF TILLAGE TECHNOLOGIES ON CROP PRODUCTIVITY**, Rasa KIMBIRAUSKIENĖ, Alfredas SINKEVIČIUS, Vaclovas BOGUŽAS, Gabrielė GRYBAITĖ, Aušra SINKEVIČIENĖ
- P 36 CONTRIBUTION OF PARENTAL LINES TO THE VIGOR OF CORN HYBRID UNDER NON-OPTIMAL TEMPERATURES**, Elena LUTCAN, Ala BOROVSKAIA, Nicolai VANICOVICI, Pantelimon BOROZAN, Raisa IVANOVA
- P 37 HARVEST GROWTH NORMS FROM ORGANIC FERTILIZER APPLICATION**, Tamara LEAH, Vasile PLĂMĂDEALĂ, Ludmila BULAT
- P 38 TRANSFORMATION OF MONTENEGRO'S AGRICULTURAL LANDSCAPE, 2010–2024: TRENDS AND STRUCTURAL CHANGES IN LAND USE**, Radovan ROSIĆ, Velibor SPALEVIĆ
- P 39 OPTIMIZING ARGAN SEED GERMINATION AND NURSERY MANAGEMENT: LAYING THE FOUNDATION FOR SUCCESSFUL PLANTATIONS**, Abdelghani TAHIRI, Najat EL MANSOURY, Naima AIT AABD, Redouan QESSAOUI, Youssef KARRA, Ahmed WIFAYA, Rachid BOUHARROUD, Fouad ELAME, Meriyem KOUFAN, Abdelaziz MIMOUNI
- P 40 STRUCTURAL OPTIMIZATION OF COMBINE HARVESTER PLATE-SHELL UNDERGOING MULTI-SOURCE EXCITATION**, Jiahao SHEN, Xinyang GU, Ben ZHANG, Zhong TANG, Hao ZHANG, Haoyang WANG
- P 41 WHEN UNSUPERVISED LEARNING FINDS MULTIPLE ANSWERS: DIGITAL SAFEGUARDS FOR ORPHAN-CROP GERMPLASM CHARACTERIZATION**, Abdel Kader NAINO JIKA
- P 42 IMPACTS OF DROUGHT- STRESS CONDITION ON THE BIOMASS PRODUCTION OF THREE SPECIES OF THE NIGERIAN INDIGENOUS VEGETABLES**, Michael FREI, Funmilayo Mary OLOYEDE
- P 43 COMPARATIVE STUDIES OF YIELD AND MINERAL COMPOSITIONS OF SESAME (*Sesamum indicum* L.) IN TWO AGROECOLOGICAL ZONES**, Funmilayo Mary OLOYEDE, Tawakalitu Ibukun ALADE
- P 44 EFFECT OF BIO, ORGANIC, AND INORGANIC FERTILIZERS ON CARROT GROWTH AND PRODUCTIVITY IN PALESTINE**, Haetham SALEH, Ismail ABUZINADA
- P 45 WATER STRESS AND CHOICE OF HIGH VALUED INDIGENOUS PLANTS FOR FIGHTING AGAINST DESERTIFICATION**, Muhammad Azim KHAN
- P 46 SOIL FERTILITY AND CROP PRODUCTIVITY: AN INTEGRATED PERSPECTIVE FROM ACADEMIA AND THE AGRI-INDUSTRY IN PAKISTAN**, Noor MUHAMMAD, Amaar ALI, Ali Sher BABA, Haris NAVEED, Sadiq JAN, Muhammad Numan CHATHA, Gul NAWAZ
- P 47 EVALUATING THE EFFECTS OF DIFFERENT ORGANIC MULCHES ON GROWTH AND YIELD OF PEAS (*PISUM SATIVUM* L.)**, Tanveer HUSSAIN, Laiba SATTI, Asfa QUDDUS, Irfan ALI, Muhammad Tahir AKRAM, Muhammad Azam KHAN, Mehwish LIQAUAT, Umer HABIB, Ayesha MANZOOR, Muhammad Saqib NAVEED, Adeel ANWAR, Ijaz AHMAD
- P 48 REPROGRAMMING HEAT STRESS RESPONSE IN MAIZE VIA *OsMYB55* TRANSCRIPTION FACTOR OVEREXPRESSION**, Zohab ASIF, Aftab BASHIR, Kausar ABDULLA MALIK, Shahid MUNIR CHOCHAN, Qurban ALI, Sajid UR REHMAN
- P 49 ENGINEERING HEAT-RESILIENT MAIZE VIA STRESS-INDUCIBLE EXPRESSION OF *AtuIPT* AND *SbSPSM* GENES**, Zohab ASIF, Aftab BASHIR, Kausar ABDULLA MALIK, Shahid MUNIR CHOCHAN, Qurban ALI, Sajid UR REHMAN
- P 50 THE ROLE OF SUPPLEMENTARY IRRIGATION FOR FOOD PRODUCTION IN A SEMI-ARID COUNTRY PALESTINE**, Mohammed Yousef SBEIH
- P 51 EVALUATION OF POST-MINING WASTE AS A COMPONENT OF GROWING MEDIA FOR LETTUCE CULTIVATION**, Tomasz KLEIBER, Tamara CHADZINIKOLAU, Magda FORMELA-LUBOŃSKA, Krzysztof OTREMBA, Klaudia BOROWIAK, Monika MIELOCH, Marcin GŁODNIOK
- P 52 THE RESPONSE OF LETTUCE TO FERTIGATION WITH ORGANIC AND INORGANIC FORMS OF IRON**, Tomasz KLEIBER, Wojciech KOPEĆ, Joanna SALIBURSKA

- P 53** **PIGMENTS CHARACTERIZATION OF *PORTULACA* GENOTYPE BRED IN ROMANIA**, Nicoleta MUSTAŢĂ, Costel VÎNĂTORU, Oana – Viorela NISTOR, Gigi COMAN, Geanina NEGOŞANU, Liliana MIHALCEA
- P 54** **CYTOEMBRYOLOGICAL FEATURES OF THE DEVELOPMENT OF EMBRYOIDS IN THE CULTURE OF UNPOLLINATED OVULES *IN VITRO* FOR *CUCURBITA PEPO* L.**, Elena DOMBLIDES, Kseniia STEBNITSKAIA, Olesya VALDEEVA, Alexey ERMOLAEV
- P 55** **CRUDE AND DRY MASS ACCUMULATION IN JERUSALEM ARTICHOKE AS AFFECTED BY PRE-WINTER PLANTING METHOD AND DEPTH**, Alexey S. KATAEV, Oksana V. FOTINA
- P 56** **SEARCH FOR NEW SOURCES OF RESISTANCE TO DOWNY MILDEW (*PSEUDOPERONOSPORA CUBENSIS*) AMONG CUCUMBER (*CUCUMIS SATIVUS* L.) ACCESSIONS**, Olesya VALDEEVA, Irina KOROTSEVA, Kseniia STEBNITSKAIA, Arthur DOMBLIDES
- P 57** **IMPACT OF BIOLOGICALLY DERIVED TREATMENTS ON THE QUALITY AND STORAGE OF STRAWBERRY FRUIT**, Aleksandra KORIČANAC, Jelena SAVIČEVIĆ, Olga MITROVIĆ, Jelena TOMIĆ, Boris RILAK, Mirjana MIČEVIĆ, Branko POPOVIĆ
- P 58** **HARMFUL EFFECTS OF TRUE BUGS ON THE FRUIT QUALITY OF WALNUT AND HAZELNUT**, Milan JAŠIĆ, Borivoje BOGDANOVIĆ, Sandra BIJELIĆ
- P 59** **BIOPREPARATIONS TRANSFORM PEPPER PRODUCTION: HIGHER YIELDS AND BETTER QUALITY**, Danijela ŽUNIĆ, Vladimir SABADOŠ, Đorđe VOJNOVIĆ
- P 60** **PLANT MASS VARIATION IN FIFTY WHEAT VARIETIES**, Dušan UROŠEVIĆ, Desimir KNEŽEVIĆ, Mirela MAJKOVIĆ STOJŠIN, Veselinka ZEČEVIĆ, Gordana BRANKOVIĆ, Danijela KONDIĆ, Vesna KANDIĆ RAFTERY
- P 61** **ENERGY CONSUMPTION ASSOCIATED WITH MINERAL FERTILIZER USE, HANDLING AND APPLICATION IN SELECTED FIELD CROPS**, Marija GAVRILOVIĆ, Vojin CVIJANOVIĆ, Divna SIMIĆ, Bojana MILENKOVIĆ, Vedran TOMIĆ, Robert RADISIĆ
- P 62** **SEED GERMINATION OF LOCAL GENOTYPES OF THE POTENTIALLY INVASIVE SPECIES *FRAXINUS AMERICANA***, Marija MARKOVIĆ, Dragana SKOČAJIĆ, Maša PEROVIĆ, Danijela ĐUNISIJEVIĆ-BOJOVIĆ
- P 63** **OPTIMIZING STERILIZATION PROTOCOLS FOR *IN VITRO* CULTURE ESTABLISHMENT IN *SALIX 'ESTER'***, Marija MARKOVIĆ, Đorđi GLIGOROSKI, Dragana SKOČAJIĆ, Ivan MILENKOVIĆ, Danijela ĐUNISIJEVIĆ-BOJOVIĆ
- P 64** **THE IMPACT OF ENVIRONMENTAL FACTOR VARIABILITY ON FERTIGATION EFFICIENCY AND THE OCCURRENCE OF PHYSIOLOGICAL DISORDERS IN VEGETABLES**, Vera RAŠKOVIĆ, Stefan MARKOVIĆ, Milan GLIŠIĆ, Nemanja STOŠIĆ, Milan BLAGOJEVIĆ, Nenad PAVLOVIĆ, Teodora KOVANOVIĆ
- P 65** **POLLEN PERFORMANCE *IN VITRO* OF BLACK CURRANT (*RIBES NIGRUM* L.) AND RED CURRANT (*RIBES RUBRUM* L.) GENOTYPES**, Milena ĐORĐEVIĆ, Svetlana PAUNOVIĆ, Mira MILINKOVIĆ, Sanja RADIČEVIĆ, Ivana GLIŠIĆ, Sladana MARIĆ, Nebojša MILOŠEVIĆ
- P 66** **EFFECT OF DROUGHT IMPOSED IN DIFFERENT GROWTH STAGES OF BREAD WHEAT ON ROOT LENGTH IN FIELD AND IN GLASSHOUSE**, Milica BLAŽIĆ, Gordana BRANKOVIĆ, Irena RADINOVIĆ, Desimir KNEŽEVIĆ, Nenad ĐURIĆ, Dušan UROŠEVIĆ
- P 67** **EFFECTS OF THE PRUNING METHOD ON GRAPEVINE QUALITY**, Milica GLIŠIĆ, Bojana POPIĆ, Danijela ŽIVOJINOVIĆ, Tijana BANJANIN, Zorica RANKOVIĆ-VASIĆ, Zoran BEŠLIĆ, Saša MATIJAŠEVIĆ
- P 68** **CULTIVAR-SPECIFIC RESPONSES OF ICEBERG LETTUCE TO PRODUCTION SYSTEMS: ANOVA AND MULTI-CRITERIA DECISION-MAKING ANALYSIS**, Milica STOJANOVIĆ, Radomir BODIROGA
- P 69** **CROP-SPECIFIC RESPONSES TO CROPMAX BIOSTIMULANT IN CABBAGE AND CAULIFLOWER: MORPHOLOGICAL AND ECONOMIC EVALUATION**, Milica STOJANOVIĆ, Radomir BODIROGA, Vladimir MILADINOVIĆ, Jelena ILIĆ
- P 70** **RESISTANCE OF PROMISING WHEAT LINES TO LEAF RUST AND GRAY LEAF SPOT UNDER NATURAL INFECTION CONDITIONS**, Milomirka MADIĆ, Milan ŠEVIĆ, Nenad PAVLOVIĆ, Dalibor TOMIĆ, Vladeta STEVOVIĆ Branka GOVEDARICA, Kamenko BRATKOVIĆ, Miloš MARJANOVIĆ

- P 71 EFFECTS OF INTERROW SPACING ON THE YIELD AND YIELD COMPONENTS OF THE COMMON BEAN**, Miloš MARJANOVIĆ, Dalibor TOMIĆ, Vladeta STEVOVIĆ, Nenad PAVLOVIĆ, Nikola STEFANOVIĆ, Milomirka MADIĆ
- P 72 PLANT GROWTH REGULATORS AND COLLOIDAL SILVER FOR *IN VITRO* ROOTING OF BLACKBERRY 'ČAČANSKA BESTRNA'**, Tatjana ANĐELIĆ, Mirjana MIČEVIĆ, Tatjana VUJOVIĆ
- P 73 CHARACTERISTICS OF OILS FROM SEVEN HAZELNUTS VARIETIES**, Mirjana RADOVANOVIĆ, Vesna ĐUROVIĆ, Ivan GLIŠIĆ, Bojana DIKIĆ, Luka ŽIVADINOVIĆ, Leka MANDIĆ, Gorica PAUNOVIĆ, Radmila ILIĆ
- P 74 YIELD TRAIT ASSOCIATIONS IN PEA (*Pisum sativum* L.) GENOTYPES UNDER DIFFERENT IRRIGATION REGIMES**, Nataša LJUBIČIĆ, Nevena STEVANOVIĆ, Maša BUĐEN, Nikola STANKOVIĆ, Tamara POPOVIĆ, Tijana BAROŠEVIĆ, Aleksandar IVEZIĆ, Sreten TERZIĆ
- P 75 CORRELATION AND REGRESSION ANALYSIS OF YIELD RELATED TRAITS UNDER SOIL SALINITY CONDITIONS IN PEA (*PISUM SATIVUM* L.)**, Nataša LJUBIČIĆ, Nevena STEVANOVIĆ, Maša BUĐEN, Nikola STANKOVIĆ, Tamara POPOVIĆ, Tijana BAROŠEVIĆ, Aleksandar IVEZIĆ, Sreten TERZIĆ
- P 76 RAMAN SPECTROSCOPIC PROFILING OF CORIANDER PHYTOCHEMICALS: MONITORING GROWTH RESPONSE TO SPECIALIZED LED LIGHT WAVELENGTHS**, Nikolija KRSTIĆ, Suzana PAVLOVIĆ, Steva LEVIĆ, Viktor NEDOVIĆ, Ilinka PEČINAR
- P 77 ORGANOLEPTIC ASSESSMENT OF PRUNES PRODUCED FROM PLUM CULTIVARS DEVELOPED IN ČAČAK**, Olga MITROVIĆ, Branko POPOVIĆ, Aleksandra KORIČANAC, Ivana GLIŠIĆ, Aleksandar LEPOSAVIĆ
- P 78 GREEN SOLVENTS FOR CAROTENOID EXTRACTION FROM MUSCAT PUMPKIN: COMPARISON OF NADES AND CONVENTIONAL SOLVENTS**, Saša ORLOVIĆ, Alena STUPAR, Milana MATIĆ, Biljana MARIĆ, Jovana MARIĆ, Biljana KIPROVSKI, Milka BRDAR-JOKANOVIĆ
- P 79 PRODUCTION OF *ECHINACEA PURPUREA* SEEDLINGS IN COLD BEDS UNDER VARYING IRRIGATION REGIMES**, Stefan GORDANIĆ, Miloš RAJKOVIĆ, Milan LUKIĆ, Jelena GOLIJAN-PANTOVIĆ
- P 80 *IN VITRO* PROPAGATION EFFICIENCY AND ROOTING CAPACITY OF THREE PLUM CULTIVARS**, Tatjana ANĐELIĆ, Mirjana MIČEVIĆ, Boris RILAK, Dejan BOŠNJAK, Tatjana VUJOVIĆ
- P 81 IMPACT OF ENVIRONMENTAL VARIABILITY ON FERTIGATION EFFICIENCY AND PHYSIOLOGICAL DISORDERS IN VEGETABLE CROPS**, Vera RAŠKOVIĆ, Stefan MARKOVIĆ, Milan GLIŠIĆ, Nemanja STOŠIĆ, Milan BLAGOJEVIĆ, Nenad PAVLOVIĆ, Teodora KOVANOVIĆ
- P 82 ENERGY EFFICIENCY AND ECONOMIC SUSTAINABILITY IN PASTURE-BASED LIVESTOCK**, Violeta MANDIĆ, Dušica OSTOJIĆ ANDRIĆ, Nenad MIČIĆ, Miloš MARINKOVIĆ, Vesna KRNJAJA, Aleksandar SIMIĆ, Levent BURGU
- P 83 THE EFFECT OF DIFFERENT MICROBIAL FERTILIZER ON THE MORPHOLOGICAL AND PRODUCTIVE CHARACTERISTICS OF SOYBEAN**, Željko DOLIJANOVIĆ, Milena BILJIĆ, Milena SIMIĆ, Srđan ŠEREMEŠIĆ, Zoran JOVOVIĆ
- P 84 BELOWGROUND TRAITS ASSOCIATED WITH HIGHER SHOOT NITROGEN USE EFFICIENCY IN SPRING BARLEY UNDER LOW NITROGEN SUPPLY**, Ana KUGOVNIK, Andreea SPIRIDON, Michael SANTANGELI, Henning SCHWALM, Uxue OTXANDORENA-IEREGI, Ignacio ROMERO LOZANO, Natacha BODENHAUSEN, Dave ROBERTS, Timothy S. GEORGE, Aleš KOLMANIĆ, Eva OBURGER
- P 85 EFFECTS OF ASCORBIC ACID SEED PRIMING ON GROWTH, PHYSIOLOGICAL TRAITS AND MINERAL UPTAKE OF SWEET CORN SEEDLINGS UNDER SALINITY STRESS**, Elif ÖZTÜRK AY, Dudu BİRCAN YENİĞÜN, İsmail SEZER, Hasan AKAY
- P 86 SUPERABSORBENT HYDROGEL APPLICATION INFLUENCES FRUIT QUALITY TRAITS OF COMMON BEAN UNDER SALT STRESS**, Hayriye Yıldiz DASGAN, Kamran ZIKARIA, Tugce TEMTEK, Boran IKİZ, Maria Loredena SORAN
- P 87 VARIATION IN YIELD AND QUALITY IN BARLEY GENOTYPES UNDER VARIOUS ENVIRONMENTAL CONDITIONS**, İrfan ÖZTÜRK, Remzi AVCI, Turhan KAHRAMAN, Banu TÜLEK
- P 88 THE ROLE OF MYCORRHIZAL SYMBIOSIS IN PLANT GROWTH AND ECOSYSTEM SUSTAINABILITY**, Merve BEZMEN, Ali Kemal AYAN

- P 89 PROJECTION OF AGRICULTURAL MACHINERY USAGE IN TÜRKİYE: EXAMPLE OF KONYA PROVINCE**, Osman GÖKDOĞAN
- P 90 STATE OF THE PHOTOSYNTHETIC APPARATUS OF MISCANTHUS GIGANTEUS UNDER DIFFERENT FERTILIZATION AND POTASSIUM HUMATE TOP-DRESSING**, Valerii NOSENKO
- P 91 EFFECT OF BENZYLADENINE AND THIDIAZURON ON POST-HARVEST QUALITY AND VASE LIFE OF GALDIALUS (*Gladiolus grandiflorus* L.)**, Pham THI PHUONG THAO, Le THANH TOAN, Le THI HOANG YEN, Vo THI HONG TRAM
- P 92 THE INFLUENCE OF INDOLE-3-ACETIC ACID (IAA) CONCENTRATIONS ON THE VEGETATIVE DEVELOPMENT, STORAGE ROOT YIELD, AND PHYSICOCHEMICAL QUALITY OF SWEET POTATO (*IPOMOEA BATATAS* [L.] LAM)**, Yaseer Suhaimi MOHD
- P 93 PHENOTYPIC, GENETIC, PHYSICOCHEMICAL, AND ANTIOXIDANT CHARACTERIZATION OF GUAVA (*PSIDIUM GUAJAVA* L.) CULTIVATED UNDER SEMI-ARID CONDITIONS IN MOROCCO**, Naima AIT AABD, Asmae FEHMA, Abdelghani TAHIRI, Rachid BOUHARROUD, Abdelaziz MIMOUNI, Mohamed OUKNIN
- P 94 TRITICALE AS A CLIMATE-RESILIENT CROP: AGRONOMIC AND ENVIRONMENTAL PERSPECTIVES**, Marta JAŃCZAK-PIENIAZEK
- P 95 GRAIN YIELD AND YIELD COMPONENTS OF COMMON BEAN AS AFFECTED BY CULTIVAR, NPK FERTILIZATION AND BIOSTIMULANTS**, Jelena VISKOVIĆ, Boris ADAMOVIĆ, Dragana MARINKOVIĆ, Bojan VOJNOV, Goran JACIMOVIĆ
- P 96 EFFECTS OF SILICON ON THE RESILIENCE OF SALIX CLONES TO DROUGHT**, Kristina ĐORĐEVIĆ, Danijela ĐUNISIJEVIĆ BOJOVIĆ, Dragana SKOČAJIĆ, Ljiljana KOSTIĆ KRAVLJANAC, Nada NIKIĆ, Đorđi GLIGOROSKI, Marija MARKOVIĆ
- P 97 EFFECTS OF POLYETHYLENE GLYCOL (PEG) AND SILICON (SI) ON THE PHYSIOLOGICAL RESPONSE OF THE SALIX CLONE 'INGER' IN HYDROPONIC CONDITIONS**, Kristina ĐORĐEVIĆ, Danijela ĐUNISIJEVIĆ BOJOVIĆ, Dragana SKOČAJIĆ, Ljiljana KOSTIĆ KRAVLJANAC, Nada NIKIĆ, Đorđi GLIGOROSKI, Marija MARKOVIĆ
- P 98 ASSESSING SPATIAL VARIABILITY IN ORCHARD VIGOR USING MULTISPECTRAL UNMANNED AERIAL VEHICLE IMAGERY**, Lazar TURŠIJAN, Željana BALAC, Stefan GLIGORIĆ, Jan TURAN, Aleksandar SEDLAR, Vladimir VIŠACKI
- P 99 TARGETED MUTAGENESIS IN DIFFERENT COTTON CULTIVARS (*GOSSYPIMUM HIRSUTUM* L.) TO IMPROVE FIBER QUALITY THROUGH MULTIPLEX CRISPR/CAS9 GENOME ENGINEERING**, Cihan TASTAN, Naz Ceren UNAL, Buse Kaptan TEKİN, Zeynep Berfin UZUN, Naz AYDIN, Pelin ÇELEBİ, Beyza AYDIN
- P 100 HYDROGEL DOSE DETERMINATION UNDER SALINE CONDITIONS FOR MITIGATING SALT STRESS IN COMMON BEAN**, Kamran ZIKARIA, Hayriye Yildiz DASGAN, Tugçe TEMTEK, Boran IKIZ, Maria Loredena SORAN
- P 101 EFFECTS OF LACTIC ACID BACTERIA TREATMENT ON TOMATO PLANTS UNDER SALINITY AND DROUGHT STRESS**, Kevser KARAMAN, Şeyda Nur TÜRKAY RİFAİOĞLU
- P 102 AESTHETIC PERCEPTION OF AGRICULTURAL TRACTORS: AN EMPIRICAL STUDY ON FARMERS IN THE AEGEAN REGION OF TÜRKİYE**, Reşat Nuri AKBAŞ, Bülent ÇAKMAK
- P 103 FROM LEAF AREA TO BIOMASS: A NON-DESTRUCTIVE PREDICTION FRAMEWORK IN BASIL (*OCIMUM BASILICUM* L.) BASED ON MORPHOLOGICAL TRAITS**, Tefide KIZILDENİZ

Conference Hall B (Hotel Vucko)

Wednesday, (October 7th, 2026), 17:30 - 18:30

Working committee

Chairpersons: Carmelo RAPISARDA, Snezana TANASKOVIC, Fazal SAID

- P 104 MICROBIAL CONTROL OF CAPNODIS TENEBRIONIS EGGS BY MEANS OF METARHIZIUM BRUNNEUM**, Hysen KOKIČI, Adriatik ÇAKALLI, Bledar PEPA, Aridon Ramaj, Zef Gjeta, Dana MENT
- P 105 DISTRIBUTION OF THE OPUNTIA COCHINEAL SCALE DACTYLOPIUS OPUNTIAE (COCKERELL, 1896) (HEMIPTERA: DACTYLOPIIDAE), IN ALGERIA**, Amina LEBLALTA
- P 106 FOOD SAFETY RISKS IN ANIMAL FEED**, Benamar CHEBA
- P 107 DETERMINANTS OF BACKWARD VERTICAL INTEGRATION IN THE CITRUS SECTOR IN ALGERIA: A STRUCTURAL EQUATION MODELING APPROACH**, Wassila HANAFI
- P 108 EFFECTS OF METHANOLIC EXTRACT OF STREPTOMYCES FLAVEUS SO1 ON THE EXPRESSION OF THE NOS GENE AND THE SYNTHESIS OF THAXTOMIN A BY STREPTOMYCES SCABIES**, Lamia AOUAR, Inas BOUKELLOUL, Fouzia BERKANI, Meryem BOUZID, Ayache BOULTIF
- P 109 IMPACT OF TRYPTOPHAN CONCENTRATION ON INDOLE-3-ACETIC ACID PRODUCTION BY RHIZOSPHERIC ACTINOBACTERIA**, Lamia AOUAR, Inas BOUKELLOUL, Meryem BOUZID, Fouzia BERKANI, Ayache BOULTIF
- P 110 PHYSICAL-CHEMICAL CHARACTERISTICS AND POLLEN ANALYSIS OF HONEY FROM THE AREA OF THE CITY OF MOSTAR**, Sandra MEDIC, Mate BOBAN, Helena BREKALO, Antonela MUSA, Aldin BOŠKAILO, Danijela PETROVIC
- P 111 SEASONAL POPULATION DYNAMICS OF THE TWO-SPOTTED SPIDER MITE (TETRANYCHUS URTICAE KOCH) ON RASPBERRY (RUBUS IDAEUS L.) UNDER GREENHOUSE CONDITIONS IN NORTHEASTERN BULGARIA**, Lilyana KOLEVA, Desislava YORDANOVA
- P 112 CHINA'S PRACTICES OF FROST PROTECTION TECHNOLOGIES FOR HORTICULTURAL CROPS IN HILLY AND MOUNTAINOUS AREAS AND THEIR IMPLICATIONS FOR BOSNIA AND HERZEGOVINA**, Yongguang HU, XiuHong WANG
- P 113 MONITORING VIRULENCE VARIATION IN WHEAT YELLOW RUST USING INTERNATIONAL TRAP-NURSERY UNDER FIELD CONDITIONS**, Ketino NATSARISHVILI, Ketino SIKHARULIDZE, Tsisana TSETSKHLADZE, Ketevan MEMARNE, Gulnari CHKHUTIASHVILI, Zoia SIKHARULIDZE
- P 114 IMPACT OF CLIMATIC VARIABILITY ON THE PHYTOSANITARY COMPLEX OF ALMOND (PRUNUS DULCIS) IN EASTERN GEORGIA**, Miranda TSERODZE, Ketevan TAVARTKILADZE, Nikoloz MESKHI
- P 115 IDENTIFICATION AND AGGRESSIVENESS ASSESSMENT OF ALTERNARIA ALTERNATA ISOLATES ASSOCIATED WITH SOLANACEOUS CROPS IN ADJARA, GEORGIA**, Rusudan DUMBADZE, Galina MEPARISHVILI, Lamziri GORGILADZE, Nana JABNIDZE, Liana KOIVA
- P 116 EFFECT OF CAEL2 AND EUCALYPTUS EXTRACT ON THE COMMODITY PROPERTIES AND PHYSIOLOGICAL DISORDERS OF 'CONFERENCE' AND 'SAMARIOBO' PEAR VARIETIES DURING REFRIGERATED STORAGE**, Tamar SHAMATAVA, Ekaterine BULAURI, Merab ZHENTI
- P 117 DETECTION AND CONTROL OF PLECTOSPHAERELLA AND FUSARIUM SPECIES IN MELON CROPS IN PELOPONNESE**, Ioanna TILIKIDOU, Zoe GIAGKAZOGLU, Dimitris LOUKOVITIS, Michael CHATZIDIMOPOULOS
- P 118 EXPLORATIONS OF CABBAGE WILT COMPLEX AND ITS BIO-MANAGEMENT IN NORTHERN HIMALAYAS OF INDIA**, Sonali KATOCH, Shikha SHARMA, D. K. BANYAL
- P 119 ANALYSIS INTERACTION EFFECTS BETWEEN PLANTING DISTANCE AND FERTILIZER USAGE FOR SOME TRAITS OF DRACOCEPHALUM MOLDAVICA**, Naser SABAGHNIA, Mohsen JANMOHAMMADI

- P 120 IMPACT OF CLIMATE CHANGE (HEAT STRESS) ON MILK AND MEAT PRODUCTION AND QUALITY: PHYSIOLOGICAL MECHANISMS AND PRODUCTIVE EFFECTS**, Aleksandra ANGELESKA, Radmila CRCEVA NIKOLOVSKA, Elizabeta DIMITRIESKA STOJKOVIKJ, Igor ESMEROV, Marija MENKINOSKA, Zhivka GORANOVA, Risto UZUNOV
- P 121 PREDICTION OF SEASONAL POPULATION DYNAMICS OF *GRAPHOLITA MOLESTA* (BUSCK, 1916) (LEPIDOPTERA: TORTRICIDAE) IN STONE FRUIT ORCHARDS IN NORTH MACEDONIA**, Miroļjub GOLUBOVSKI, Stanislava LAZAREVSKA, Mile POSTOLOVSKI, Sterja NACESKI
- P 122 ARTHROPODS IMPORTANT FOR FOOD SAFETY AND METHODS FOR THEIR CONTROL**, Mirjana BOJANIĆ RAŠOVIĆ
- P 123 PESTICIDE TURNOVER AND ORGANIC CROP PRODUCTION IN MONTENEGRO: TRENDS AND IMPLICATIONS FOR BIOLOGICAL PLANT PROTECTION**, Radovan ROSIC, Maja MILOVIC, Gordana BARAC, Stefan GLIGORIC, Velibor SPALEVIC
- P 124 COUPLED MORPHOLOGICAL AND BIOCHEMICAL EVIDENCE OF AN OSMOTIC ADJUSTMENT OVERCOST INDUCED BY A POLYACRYLATE HYDROGEL IN SOILLESS BLUEBERRY (*Vaccinium corymbosum* L. cv. 'Biloxi') UNDER DEFICIT IRRIGATION**, Abdellatif EL GADA, Abdelbasset BERRICHI, Ibtissam MZABRI
- P 125 OPTIMIZATION OF MASS TRAPPING FOR *DROSOPHILA SUZUKII* ON BLUEBERRY IN NORTHWESTERN MOROCCO**, Arafat CHEMCHAKI, Abdelmalek BOUTALEB JOUTEI, Moulay chrif SMAILI, Rachid LAHLALI
- P 126 EFFECT OF CO-EXPOSITION OF MICROCYSTINS AND CADMIUM ON DEVELOPMENT OF THE PLANT *PISUM SATIVUM* L.**, Assia JEMAOU, Zouhair ANAKI, Habib MAZANI, Ismail EL BZAR, Yasser ESSADKI, Brahim OUDRA, Nouredine BOUAICHA, Fatima EL KHALLOUFI
- P 127 FARMERS' PERCEPTION, KNOWLEDGE, AND CONTROL ATTITUDES OF RODENTS INFESTING CEREAL GROWING AREAS IN MOROCCO**, Meryam ASSIDI, Souad EL HAJJAJI, Rachid AKKI, Ioannis DALIAKOPOILOS, Driss IRAQI, Fouad MOKRNI
- P 128 DIVERSITY OF PLANT-PARASITIC NEMATODES ASSOCIATED WITH POTATO IN MOROCCO WITH FOCUS ON *MELOIDOGYNE* SPP.**, Soukaina JANATI, Ilham BARAKAT, Nourredine CHTAÏNA, Ahlam HAMIM, Khalid KHFI, El Mehdi BOUCHTAOUI, Fouad MOKRINI
- P 129 BIOCONTROL POTENTIAL OF *TRICHODERMA* SPP AGAINST OLIVE ANTHRACNOSE CAUSED BY *COLLETOTRICHUM* SPP.**, Ichakra YOUSSEF, Fouad MOKRINI, Nouredine CHTAÏNA, Mohamed BOULMANI, Abderrakib ZAHID, Ilham BARAKAT
- P 130 GENOTYPE-DEPENDENT INTERACTION BETWEEN CHICKPEA AND PGPR: A TRAIT-BASED APPROACH**, Mohamed KHABCHA, Fatima ZAHRA ALIYAT, Laila NASSIRI, Jawad AARROUF, Jamal IBINIEN
- P 131 ENVIRONMENTALLY FRIENDLY BIOLOGICAL CONTROL OF AN OLIVE LEAF DISEASE: *IN VITRO* ASSESSMENT OF ANTAGONISTIC BACTERIA**, Khaoula CHATTAT, Tayeb KOUSSA, Mohamed Najib ALFEDDY
- P 132 THE EFFECT OF FOUR RHIZOSPHERE BACTERIA ON *BOTRYTIS CINEREA***, Mohammed EZZAROUAL, Hafsa HOUMAIRI, Salahddine CHAFIKI, Soumaya EL ASSRI, Abdelmalk MAHROUG, Amine BOUSTA, Rachid BOUHARROUD, Redouan QESSAOUI
- P 133 CURRENT DISTRIBUTION AND STATUS OF THE, *ICERYA SEYCHELLARUM* (WESTWOOD), INFESTING AVOCADO GROVES IN MOROCCO**, Oussama TOUNIA, Abdelmalek BOUTALEB JOUTEI, Gillian W. WATSON, Sanae AITBADDU, Najat HADDAD, Rachid LAHLALI, Moulay Chrif SMAILI
- P 134 ANTIFUNGAL ACTIVITY OF *MORINGA OLEIFERA* LEAF EXTRACTS AGAINST *BOTRYTIS CINEREA* THE CAUSAL AGENT OF GRAY MOLD DISEASE IN TOMATO**, Redouan QESSAOUI, Salahddine CHAFIKI, Soumaya EL ASSRI, Abdelmalek MAHROUG, Mohammed EZZAROUAL, Abdelghani TAHIRI, Mohamed OUKNIN, Mohamed ALOUANI, Rachid BOUHARROUD, Naima AIT ABD
- P 135 INSECTICIDAL ACTIVITY OF *CYMBOPOGON CITRATUS* ESSENTIAL OIL AGAINST *BEMISIA TABACI*: A LABORATORY EVALUATION**, Salahddine CHAFIKI, Redouan QESSAOUI, Soumaya EL ASSRI, Mohammed EZZAROUAL, Abdelmalek MAHROUG, Hasna LAHCHIMI, Abdallah OUKARROUM, Mohamed ALOUANI, Hicham EL ARROUSSI, Rachid SABBAHI, Rachid BOUHARROUD

- P 136 ESSENTIAL OIL OF *WARIONIA SAHARAE* AS A NATURAL ANTIFUNGAL AGENT AGAINST *BOTRYTIS CINEREA* IN BERRY CROPS**, Soumaya EL ASSRI, Salahddine CHAFIKI, Anouar BOUANGA, Redouan QESSAOUI, Rachid BOUHARROUD, Rachid SABBAHI
- P 137 EFFECT OF AQUEOUS AND METHANOL LEAF EXTRACTS OF NEEM (*AZADIRACHTA INDICA*) IN THE MANAGEMENT OF *ALTERNARIA ALTERNATA* CAUSAL AGENT OF BROWN SPOT DISEASE OF SWEET POTATO (*IPOMOEA BATATAS* L.)**, Victor Iorungwa GWA, Nuraddeen SALISU
- P 138 EXPLORING THE ROLE OF *APIS* AND NON-*APIS* INSECT VISITORS TOWARDS CROSS POLLINATION, THEIR INFLUENCE ON YIELD, OIL CONTENT AND OTHER QUALITY PARAMETERS OF SUNFLOWER (*HELIANTHUS ANNUUS* L.) IN MARDAN, KHYBER PAKHTUNKHWA**, Ahmad Said ZIA, Hussain ALI
- P 139 IDENTIFICATION AND MANAGEMENT OF POTATO SCAB THROUGH CHEMICALS**, Amna SAEED, Noor FATIMA, Huma ABBAS, Muhammad USMAN
- P 140 INDUCTION OF HOST RESISTANCE FOR SUSTAINABLE MANAGEMENT OF FUSARIUM WILT OF OKRA (*ABELMOSCHUS ESCULENTUS*)**, Ayesha KHALID, Muhammad USMAN, Fatima KHALID, Muhammad KAMRAN, Muhammad EHETISHAM UL HAQ, Usama AHMAD, Huma ABBAS
- P 141 CHEMICAL MANAGEMENT OF FUSARIUM WILT OF OKRA (*ABELMOSCHUS ESCULENTUS*) THROUGH *IN VITRO* EVALUATION OF FUNGICIDES**, Ayesha KHALID, Fatima KHALID, Muhammad USMAN, Muhammad KAMRAN, Muhammad EHETISHAM UL HAQ, Usama AHMAD, Huma ABBAS
- P 142 EVALUATION OF FUNGICIDES FOR THE MANAGEMENT OF FUSARIUM WILT OF MUSKMELON (*CUCUMIS MELO* L.)**, Fatima KHALID, Ayesha KHALID, Muhammad USMAN, Muhammad KAMRAN, Muhammad EHETISHAM UL HAQ, Usama AHMAD, Huma ABBAS
- P 143 DISRUPTION OF *MONUC1* GENE MEDIATES CONIDIATION IN *MAGNAPORTHE ORYZAE***, Irshad Ali KHAN
- P 144 EVALUATION OF HERBAL FORTIFIED CAMEL MILK-IMPLICATIONS FOR FOOD SAFETY AND GLYCEMIC CONTROL**, Muhammad HASHIM, Irum FATIMA, Muhammad ABID, Muhammad TAYYAB, Asma SOHAIL, Muhammad Farooq IQBAL
- P 145 EFFECTS OF NEEM (*AZADIRACHTA INDICA*) LEAF EXTRACT ON MORTALITY AND LIFETABLE PARAMETERS OF THE PINK HIBISCUS MEALY BUG, *MACONELLICOCCLUS HIRSUTUS* (HEMIPTERA: PSUDOCOCCIDAE), UNDER LABORATORY CONDITIONS**, Muhammad SALIM
- P 146 ASSOCIATION OF CITRUS NEMATODES ON ALTERNATE HOST (OLIVE, GRAPES AND LITCHI) IN PUNJAB, PAKISTAN**, Muhammad SHOAIB, Muhammad USMAN, Shehreen FATIMA, Iqra YASIN, Muhammad IRFAN, Ahmad Ali BHUTTA, Huma ABBAS, Shehla RIAZ, Sajid Aleem KHAN
- P 147 APPLICATION OF ARTIFICIAL INTELLIGENCE FOR EARLY DETECTION AND MANAGEMENT OF PLANT DISEASES**, Muhammad USMAN, Ayesha KHALID, Fatima KHALID, Muhammad KAMRAN, Muhammad EHETISHAM UL HAQ, Usama AHMAD, Amjad ABBAS, Huma ABBAS
- P 148 IDENTIFICATION AND ECO-FRIENDLY MANAGEMENT OF BLACK SCURF OF POTATO USING PLANT-BASED EXTRACTS**, Noor FATIMA, Amna SAEED, Ahmad ALI, Huma ABBAS, Muhammad USMAN
- P 149 THE IMPACT OF MAJOR PLANT PATHOGENS ON GLOBAL FOOD SECURITY**, Rashba SAHAR, Muhammad USMAN, Ayesha KHALID, Iqra ANWAR, Almas GULL, Muhammad KAMRAN, Huma ABBAS
- P 150 *IN VITRO* EVALUATION OF *XENORHABDUS* SPP. FROM ENTOMOPATHOGENIC NEMATODES AGAINST *SPODOPTERA LITURA* LARVAE**, Shehreen FATIMA, Muhammad USMAN, Iqra YASIN, Muhammad SHOAIB, Huma ABBAS, Shehla RIAZ, Sajid Aleem KHAN
- P 151 POLYPHENOL OXIDASE (PPO) ACTIVITY FROM BASIL (*OCIMUM BASILICUM* L.) LEAVES AFTER CONTROLLED VIRAL INFECTION**, Anna JAKUBCZYK, Urszula ZŁOTEK, Urszula GAWLIK, Anna ZŁOTEK, Marta BUDZISZEWSKA, Patryk FRĄKOWIAK, Aleksandra OBRĘPALSKA-STĘPŁOWSKA

- P 152 USE OF MONITORING DATA TO SUPPORT DECISION-MAKING IN INTEGRATED PEST MANAGEMENT OF WHEAT**, Anna TRATWAL, Magdalena JAKUBOWSKA, Beata WIELKOPOLAN
- P 153 ASSESSMENT OF SEPTORIA LEAF BLOTCH AND APHID RISK IN WHEAT BASED ON WEATHER-DRIVEN MODELS**, Magdalena JAKUBOWSKA, Anna TRATWAL, Kamila ROIK
- P 154 CONTROLLED VIRAL INFECTION MODULATES POLYPHENOL OXIDASE (PPO) ACTIVITY IN ROCKET (ERUCA SATIVA MILL.) LEAVES**, Urszula GAWLIK, Urszula ZŁOTEK, Aleksandra OBRĘPALSKA-STĘPŁOWSKA
- P 155 THE CONTROLLED VIRAL INFECTION AS A FACTOR MODULATING THE ACTIVITY OF SOME DEFENSE ENZYMES IN BASIL LEAVES**, Urszula ZŁOTEK, Urszula GAWLIK, Anna JAKUBCZYK, Anna ZŁOTEK, Marta BUDZISZEWSKA, Patryk FRAĆKOWIAK, Aleksandra OBRĘPALSKA-STĘPŁOWSKA
- P 156 SPECTRUM AND DIVERSITY OF SOIL-DWELLING COLEOPTERAN PESTS IN MAIZE AND SUNFLOWER CROPS ON SANDY SOILS FROM ROMANIA**, Maria IAMANDEI, Ionuț-Cristian POPA, Mădălina RĂDULEA, Andrei CHIRILOAIE-PALADE, Raluca GEORGESCU, Reta DRĂGHICI, Ștefan NANU
- P 157 CHARACTERIZATION OF ENVIRONMENTAL YEAST ISOLATES FOR DEVELOPMENT OF STRATEGIES FOR SUSTAINABLE AGRICULTURE AND FOOD SAFETY**, Viorica Maria CORBU, Ortanas CSUTAK
- P 158 INFLUENCE OF INTEGRATED PROTECTION SYSTEM BASED ON CHLORANTRANILIPROLE AND PROTHIOCONAZOLE ON RAPESEED PRODUCTIVITY**, Evgeniy PANOVA, Anatoliy DOVGILEVICH, Anton POLIKARPOV
- P 159 NEW RECORDS OF ENTOMPATHOGENIC NEMATODES IN SERBIA**, Angelina POPOVIĆ, Branimir NJEŽIĆ, Nikola GRUJIĆ
- P 160 ALTERNARIA SOLANI FROM FIELD BINDWEED (CONVOLVULUS ARVENSIS) IN POTATO AND TOMATO GROWING AREAS OF SERBIA**, Jelena ĐUKANOVIĆ, Jovana BLAGOJEVIĆ, Ana ANDELKOVIĆ, Ivan VUČUROVIĆ, Nenad TRKULJA, Danijela RISTIĆ
- P 161 MONITORING THE PRESENCE OF CEREAL LEAF BEETLE [OULEMA MELANOPUS (L.)] ON SMALL GRAINS IN THE VICINITY OF LIPLJAN IN REPUBLIC OF SERBIA**, Katerina NIKOLIĆ, Andrijana PETROVIĆ, Bojana MILENKOVIĆ, Nadica TMUŠIĆ, Dragan GRČAK, Milosav GRČAK
- P 162 THE QUANTITATIVE COMPOSITION OF HYMENOPTERA PARASITIDS OF CYDIA POMONELLA IN SOUTHERN SERBIA**, Katerina NIKOLIĆ, Stanislava LAZAREVSKA, Ana SELAMOVSKA, Bojana MILENKOVIĆ, Slaviša GUDŽIĆ
- P 163 EFFECT OF FOLIAR INSECTICIDES ON OSTRINIA NUBILALIS INFESTATION IN SELECTED MAIZE HYBRIDS**, Milosav GRČAK, Dragan GRČAK, Desimir KNEŽEVIĆ, Slaviša GUDŽIĆ, Katerina NIKOLIĆ, Snežana GOŠIĆ-DONDO, Željko POPOVIĆ
- P 164 POD AND SEED FORMATION OF WINTER PEA UNDER NATURAL POWDERY MILDEW PRESSURE IN SOLE AND INTERCROPPED SYSTEMS**, Mijosav GRČAK, Dragan GRČAK, Desimir KNEŽEVIĆ, Slaviša GUDŽIĆ, Katerina NIKOLIĆ, Dragana GRČAK, Vera RAJIĆIĆ
- P 165 TECHNO-FUNCTIONAL PROPERTIES OF PEA FLOUR ENRICHED WITH BLACK MULBERRY POMACE: CONCENTRATION-DEPENDENT EFFECTS ON EMULSIFYING BEHAVIOR**, Nevena PAŽIN, Nada PEŠIĆ, Biljana RABRENOVIĆ, Ivana SREDOVIĆ IGNJATOVIĆ, Mirosljub BARAC
- P 166 PERCEIVED POPULATION DECLINE OF HALYOMORPHA HALYS IN SERBIA: EVIDENCE AND IMPLICATIONS FOR SUSTAINABLE PEST MANAGEMENT**, Sjađan STANKOVIĆ, Vedran TOMIĆ, Slavica ČOLIĆ, Divna SIMIĆ, Dušan NIKOLIĆ, Aleksandra IVETIĆ, Rade JOVANOVIĆ
- P 167 BIOACTIVE COMPONENTS IN FUNCTIONAL INFANT FORMULAS**, Višnja SIKIMIĆ, Slavica ČABRILO, Nada JELIĆ
- P 168 MANAGEMENT STRATEGIES TO LIMIT THE SPREAD OF XIPHINEMA INDEX AND GFLV IN SLOVENIAN VINEYARDS**, Julija POLANŠEK, Saša ŠIRCA
- P 169 ADVANCES IN THE CONTROL OF MEALYBUG INFESTATIONS. RECENT EXAMPLES IN MEDITERRANEAN CROPS.**, Antonia SOTO, Elena ROMERO, Josep SESE

- P 170 BACTERIOPHAGE-BASED CONTROL OF *XANTHOMONAS CAMPESTRIS* IN BROCCOLI: EFFICACY OF PREVENTIVE AND CURATIVE APPLICATIONS**, Margarita ROS, Maria HURTADO, Maite MUNIESA, Pablo QUIROS, Jose Antonio PASCUAL
- P 171 BIOSTIMULANTS AGAINST *LEPTOSPHERIA MACULANS*: EFFECTS ON DISEASE MANAGEMENT AND OILSEED RAPE PERFORMANCE IN TUNISIA**, Essia MAGHREBI, Ikram BEN AOUICHA, Khaled AYADI, Hanene CHAABANE
- P 172 FIRST REPORT OF RICE WHITE-TIP NEMATODE (*APHELENCHOIDES BESSEYI* CHRISTIE, 1942) IN DÜZCE, TÜRKİYE**, Taylan ÇAKMAK, Ayşenur YILMAZ, Murat EMIN TAŞ, İbrahim CİNER, Uğur GÖZEL
- P 173 FOOD SAFETY GOVERNANCE IN THE EUROPEAN UNION: A REVIEW OF STRENGTHS AND GAPS**, Ünkan URGANCI, Ufuk Gökçe AYRANCI, Birdesen AYRANCI, Cansu TOPKAYA
- P 174 UNEXPECTED LEAF WARMING UNDER ELEVATED CO₂ REVEALS MISSING CANOPY ENERGY-BALANCE PROCESSES IN DRYLAND WHEAT**, David HELMAN, Gabriel MULERO
- P 175 FUMARIA OFFICINALIS L. (COMMON FUMITORY) - AN OCCASIONALLY DOMINANT, BUT INCREASING CROP COMPETITOR**, Zvonko PACANOSKI
- P 176 DEVELOPMENT OF FLAVONOID ESTERS AS NATURAL FOOD PRESERVATIVES**, Nurul Nadiyah ABD RAZAK, Nursyahirah Aqilah Badrul Hisyam SAIGAN, Khanom SIMARANI, Mohamad Suffian Mohamad ANNUAR
- P 177 INTEGRATED ASSESSMENT OF GERMINATION RESPONSE, ANTIFUNGAL ACTIVITY, PHYTOCHEMICAL COMPOSITION, AND CYTOGENETIC CHARACTERISTICS OF *BALANITES AEGYPTIACA* IN ARID ENVIRONMENTS IN MOROCCO**, Naima AIT AABD, Idar MAZOUZ, Jamal HALLAM, Abdelghani TAHIRI, Mohamed OUKNIN, Rachid BOUHARROUD, Abdelaziz MREOUINI, Redouan QESSAOUI
- P 178 PHYTOSANITARY STATUS OF TOMATO CROPS IN MOROCCO: THE 2022–2023 GROWING SEASON**, Redouan QESSAOUI, Salahddine CHAFIKI, Abdelmalek MAHROUG, Soumaya EL ASSRI, Mohammed EZZAROUAL, Abdelhadi AJERRA, Abdelghani TAHIRI, Naima AIT ABD, Said BAHOUCH, Mohamed ALOUANI, Rachid BOUHARROUD
- P 179 BIOCONTROL POTENTIAL OF RHIZOBACTERIAL STRAINS AGAINST *TETRANYCHUS URTICAE* AND *QESSAOUITUTA ABSOLUTA* ON TOMATO UNDER GREENHOUSE CONDITIONS**, Redouan QESSAOUI, Said BAHOUCH, Salahddine CHAFIKI, Abdelmalek MAHROUG, Soumaya EL ASSRI, Mohammed EZZAROUAL, Abdelhadi AJERRA, Amin BOUSTA, Mohamed ALOUANI, Rachid BOUHARROUD
- P 180 TRANSFER OF ¹³⁷Cs TO AGRICULTURAL CROPS IN A CONTAMINATED AREA: FIELD VERIFICATION 40 YEARS AFTER THE CHERNOBYL ACCIDENT**, Tatiana PARAMONOVA, Natalia KUZMENKOVA, Leonid TURYKHIN, Olga DENISOVA, Alexander ZHERNENKOV
- P 181 TRADITIONAL PARBOILING PROCESS IMPROVEMENT THROUGH CONTROLLED HYDROTHERMAL TREATMENTS IN SRI LANKA**, M. PRABHAHARAN, Daisuke HAMMAHAKA
- P 182 THE IMPACT OF BIOPLASTICS ON SUSTAINABILITY**, Fulya Harp ÇELİK
- P 183 IDENTIFICATION OF YELLOW RUST VIRULENCE PATTERN IN TÜRKİYE**, Güliz TEPEDELEN AGANER, Yeşim EĞERCİ, Gürkan BAŞBAĞCI, Ceren CER, Hakan HEKİMHAN, Kumarse NAZARİ, Ezgi KURTULUŞ, Ali KADİROĞLU
- P 184 NATURAL MINERALS IN SUSTAINABLE AGRICULTURE: THEIR EFFECTS ON PLANT GROWTH AND SOIL PROPERTIES**, Sacit SABAZ, Hasibe YILDIZ
- P 185 MOLECULAR APPROACHES, DIGITAL AGRICULTURE TECHNOLOGIES, AND CLIMATE-SMART DISEASE MANAGEMENT INTEGRATION IN THE SUSTAINABLE MANAGEMENT OF FIRE BLIGHT DISEASE**, Kubilay Kurtulus BASTAS,
- P 186 INSECTICIDE DEGRADATION KINETICS IN SPRING RAPESEED UNDER MICRONUTRIENT APPLICATION: A BASIS FOR PREDICTIVE ASSESSMENT**, Anton POLIKARPOV, Anatoliy DOVGILEVICH, Evgeniy PANOV

Conference Hall F (Hotel Vucko)**Wednesday, (October 7th, 2026), 11:30 - 12:30****Working committee**

Chairpersons: Malik FERDOSI, Muzafer DENLI

- P 187 AGRICULTURAL BIODIVERSITY IN SAHARAN ATLAS AGROECOSYSTEMS: THE CASE OF TAOUYALA REGION, ALGERIA**, Abdelkader BENKHETTOU, Mohamed BENKHETTOU, Ghania BENKHETTOU, Khaled TAÏBI
- P 188 ORGANIC AGRICULTURE IN BULGARIA - FOOD SECURITY AND HEALTH: RESPONSES AND OPPORTUNITIES**, Albena IVANOVA, Pavlina NASKOVA
- P 189 DRIP IRRIGATION AND MICROBIAL AGENTS BOOST MAIZE YIELD AND SOIL HEALTH IN SALINE-ALKALI FIELDS**, Wei WEI, Chuan ZHANG, Sai YANG, Lin ZHU
- P 190 MICROBIAL-TREATED STRAW BOOSTS SOIL ORGANIC MATTER AND SUBSEQUENT CROP YIELD IN HETAO IRRIGATION DISTRICT, CHINA**, Lin ZHU, Wei WEI, Sai YANG, Jiayu WANG, Chuan ZHANG
- P 191 DEVELOPMENT OF A FERTILIZER BASED ON A MIXTURE OF FRESHWATER ALGAE BIOMASS CULTIVATED IN WASTEWATER AND HUMIC SUBSTANCES FOR SOIL APPLICATIONS**, Katerina SNOPOVA, Jiri KUCERIK, Marketa DOKOUPILOVA, Denisa GREGURKOVA, Radmila VALOVA, Jiri HOLATKO, Martin BRTNICKY
- P 192 BIOCHAR AMENDMENT OF DEEP-BEDDING SYSTEMS REDUCES GREENHOUSE GAS EMISSIONS FROM CATTLE HOUSING**, Marketa SLIVOVA, Jiri KUCERIK, Katerina SNOPOVA, Petra PROCHAZKOVA, Denisa GREGURKOVA, Oldrich LATAL, Martin BRTNICKY
- P 193 DIFFERENT SOIL MANAGEMENT SHAPES MICROBIAL FUNCTION, NUTRIENT ACQUISITION AND FUNCTIONAL DIVERSITY FOLLOWING ALFALFA CULTIVATION**, Martin BRTNICKY, Jiri KUCERIK, Jiri HOLATKO, Marketa SLIVOVA, Jakub HOUSKA, Marketa DOKOUPILOVA, Denisa GREGURKOVA, Radmila VALOVA, Oldrich LATAL, Vladimir SMUTNY
- P 194 AGROECOLOGICAL INNOVATIONS IN ESTONIAN LIGHTHOUSE FARMS WITHIN THE SUNRISE AGROECOLOGY PROJECT**, Merili TOOM, Elen PEETSMANN, Viacheslav EREMEEV, Liina TALGRE
- P 195 SUSTAINABLE NUTRIENT AND WATER MANAGEMENT STRATEGIES FOR *PHYSALIS PERUVIANA* L. CULTIVATION IN TRANSITION ZONES OF GEORGIA**, Andro KHETERELI, Roland KOPALIANI, Nino KELENJERIDZE
- P 196 A SINGLE FOLIAR APPLICATION OF A PLANT-BASED BIOSTIMULANT MITIGATES DROUGHT STRESS IN SPRING WHEAT (*Triticum aestivum* L.)**, Diana IACOBESCU
- P 197 VERMITECHNOLOGY-BASED RECYCLING OF FRUIT AND VEGETABLE WASTE USING *PERIONYX EXCAVATES***, Abdullah Adil ANSARI, Sona HUNTLEY
- P 198 THE EFFECT OF CROPPING SYSTEMS ON THE EMERGENCE OF INBRED MAIZE LINES**, Ágnes ÁLDOTT-SIPOS, Tamás SPITKÓ, Eszter CSEPREGI-HEILMANN, István PÓK, Csaba SZÓKE, Tamás BERZY, János NAGY, Csaba L. MARTON
- P 199 AGROECOLOGY-BASED REGIONAL MODEL LANDSCAPE TRANSFORMATION (AgRMLT): A MULTI-STAKEHOLDER GOVERNANCE APPROACH FOR SUSTAINABLE FOOD SYSTEMS IN MADHYA PRADESH, INDIA**, Amartya PANI, Aruna PANDEY, Uttam DAS
- P 200 SUSTAINABLE ADAPTATION TECHNIQUES FOR LIVELIHOOD SECURITY THROUGH ORGANIC FARMING IN GARHWAL HIMALAYA, UTTARAKHAND**, Bindhy Wasini PANDEY, Virender Singh NEGI, Jagvir SINGH, Shoryabh SRIVASTAVA
- P 201 A MACHINE LEARNING APPROACH REVEALS HOW BIOFERTILIZERS ENHANCE ECOPHYSIOLOGICAL PERFORMANCE AND YIELD IN ORGANIC MAIZE PRODUCTION**, Mohsen JAHAN, Forough DEGHANIPOUR
- P 202 NEGLECTED AND UNDERUTILISED CROP SPECIES (NUS) AND AGROECOLOGY IN WEST AFRICA: MANAGEMENT OF SOIL FERTILITY AND HEALTH**, Hamid EL BILALI, Generosa J. CALABRESE, Lawali DAMBO, Jacques NANEMA, Adja Ferdinand VANGA, Jacqueline Naalamle AMISSAH, Mame Codou GUEYE, Ousseini OUEDRAOGO, Habari RAMAZANI, Filippo ACASTO

P 203 DEVELOPMENT OF ORGANIC AGRICULTURE AND AGROECOLOGY IN THE DEMOCRATIC REPUBLIC OF CONGO: A REVIEW, Céline MASENGU KALENGA, Habari RAMAZANI, Hamid EL BILALI

P 204 BREWERY RESIDUAL YEAST AS A SUSTAINABLE ALTERNATIVE IN ORGANIC TENEBRIO MOLITOR FARMING, Ferdinando BALDACCHINO, Ikram SOUINI, Flutura LAMAJ

P 205 MANAGEMENT OF WEEDS IN FABA BEAN FARMING USING ALLELOPATHIC PLANT EXTRACTS, Mariame NAJEM, Abdellatif BOUTAGAYOUT, Omar ZENNOUHI, El Houssine BOUIAMRINE, Jamal IBIJBIJEN, Laila NASSIRI

P 206 BIOCHAR COMPOST AMF INTEGRATION ENHANCES TOMATO GROWTH, YIELD, AND MYCORRHIZAL COLONIZATION UNDER MOROCCAN FIELD CONDITIONS, Sahar BOUCHBOUA, Naïma EL GHACHTOULI, Rachid BOUAMRI

P 207 ENHANCING AGRO-ECOLOGICAL RESILIENCE THROUGH ORGANIC PESTICIDE TRAINING AND DIGITAL INTEGRATION: A CASE STUDY OF WOMEN FARMERS IN GWAGWALADA, NIGERIA, Michael ADEDOTUN OKE

P 208 MULBERRY AS A TOOL FOR WEED SUPPRESSION: COMBINING TRADITIONAL KNOWLEDGE WITH MODERN SCIENCE, Hafeeza Amna SALEEM, Abdul Rehman NIAZI

P 209 ARBUSCULAR MYCORRHIZAL FUNGI AS A SELECTIVE AGENT FOR WEED COMMUNITY MANAGEMENT, Hafeeza Amna SALEEM, Abdul Rehman NIAZI

SOIL FERTILITY AND CROP PRODUCTIVITY: AN INTEGRATED PERSPECTIVE FROM ACADEMIA AND THE AGRI-INDUSTRY IN PAKISTAN, Haris NAVEED, Amaar ALI, Ali Sher BABA, Noor MUHAMMAD, Sadiq JAN, Muhammad Numan CHATHA, Gul NAWAZ

P 211 HAZARDOUS CLIMATIC ANOMALIES RECORDED OVER A THREE-YEAR PERIOD AT REPRESENTATIVE STATIONS IN SOUTHWESTERN ROMANIA, Vlad Dragoslav MIRCOV, Veronica SĂRĂȚEANU, Okros ADALBERT, Danijel JUG, Adina Nicoleta DRAGULESCU, Casiana MIHUT, Gabriel Claudiu CRUCIAT, Raul PASCALAU

P 212 BARRIER PROPERTIES OF SCOTS PINE SEEDLINGS IN CONTAINING HEAVY METALS IN THE SOIL, Larisa BRYNDINA, Anna KORCHAGINA, Daria ZHIVITCHENKO

P 213 EFFECT OF WINTER COVER CROPS AND TERMINATION METHOD ON SUDAN GRASS (*Sorghum sudanense*) YIELD, Anđela KUJUNDŽIĆ, Bojan VOJNOV, Srđan ŠEREMEŠIĆ, Đorđe KRSTIĆ, Svetlana VUJIĆ, Ana UHLARIK, Marjana VASILJEVIĆ

P 214 EFFECTS OF WINTER COVER CROPS AND THEIR MANAGEMENT ON SUBSEQUENT SOYBEAN (*Glycine max* L.) YIELD, Bojan VOJNOV, Srđan ŠEREMEŠIĆ, Đorđe KRSTIĆ, Svetlana VUJIĆ, Marjana VASILJEVIĆ, Jelena VISKOVIĆ, Anđela KUJUNDŽIĆ, Dragana MARINKOVIĆ

P 215 BIOCONTROL POTENTIAL OF RHIZOSPHERE MICROORGANISMS ASSOCIATED WITH *Hypericum perforatum*, Dragana STAMENOV, Simonida ĐURIĆ, Timea HAJNAL JAFARI

P 216 CITIZEN SCIENCE AS A BRIDGE BETWEEN TRADITIONAL KNOWLEDGE AND MODERN AGRICULTURE, Marijenka TABAKOVIĆ, Vojka BABIĆ, Natalija KRAVIĆ, Vesna PERIĆ, Violeta ORO, Rade STANIŠAVLJEVIĆ, Ivana ŽIVKOVIĆ

P 217 MORPHOLOGICAL RESPONSE OF DURUM WHEAT GENOTYPES TO FOLIAR NUTRITION IN ORGANIC FARMING, Mirela MATKOVIĆ STOJŠIN, Veselinka ZEČEVIĆ, Slobodan MILENKOVIĆ, Milan STOJŠIN, Dušan UROŠEVIĆ, Predrag BRKOVIĆ, Desimir KNEŽEVIĆ

P 218 EFFECTS OF LACTIC ACID BACTERIA TREATMENTS ON SEEDLING DEVELOPMENT IN NARBON VETCH (*Vicia narbonensis*), Onur OKUMUŞ, Kevser KARAMAN

Conference Hall E (Hotel Vucko)

Wednesday, (October 7th, 2026), 17:00 - 18:00

Working committee

Chairpersons: Branislav DRASKOVIC, Natasa CERKOVIC, Vesna TUNGUZ

- P 219 REMOVAL OF A CATIONIC DYE USING AN ADSORBENT DERIVED FROM AGRICULTURAL WASTE**, Abdelhamid BOUKERROUI, Nour El Houda LAOUAR, Chafika MEZITI, Salima CHEBBI, Sylia AZOUG, Abdelhalim ZOUKEL
- P 220 REMOVAL OF CONGO RED DYE BY COAGULATION-FLOCCULATION USING AN AGROCULTURAL BIOMATERIAL**, Abdelhamid BOUKERROUI, Soraya IHADDADEN
- P 221 THE IMPACT OF GREENHOUSE GAS EMISSIONS AND CLIMATE-INDUCED DROUGHT ON AGRICULTURAL PRODUCTIVITY AND LOCAL ECONOMIC SUSTAINABILITY: A CASE STUDY FROM AIN DEFLA, ALGERIA**, Akram SADOUKI
- P 222 DIFFERENTIAL BIOCHEMICAL RESPONSES AND ZINC ACCUMULATION STRATEGIES IN TWO CONTRASTED TOMATO GENOTYPES (SOLANUM LYCOPERSICUM L.) UNDER ZINC STRESS: INSIGHTS INTO TOLERANCE MECHANISMS**, Abdelkader ALLOUCHE, Mohamed ARBAOUI, Amar TOUATI, Nourredine YAHIA
- P 223 CLIMATE CHANGE AND BIODIVERSITY CONSERVATION IN ALGERIA: CHALLENGES AND STRATEGIES FOR SUSTAINABLE ECOSYSTEM MANAGEMENT**, Djamila LARBI, Souad BRAKCHI
- P 224 ASSESSMENT OF NITRATE POLLUTION DYNAMICS IN THE BEIDA BORDJ BASIN, NORTHEAST ALGERIA**, Kaddour KHEMMOUDJ, Belaout RIMA, Kissar SELMA, Toumi BADIAA
- P 225 FLORISTIC DIVERSITY AND ECOLOGY OF PLANT COMMUNITY OF *ONONIS SPINOSA* SSP. *ANTIQUORUM* (FABACEAE) IN THE FOREST ECOSYSTEM OF MOUNT TESSALA (NORTHWEST ALGERIA)**, Cherifi KOUIDER, Benalach LAKHDAR, Bouazzaoui AYOUB, Babali BRAHIM
- P 226 STRATEGIC APPROACH TO ACHIEVING MILK SELF-SUFFICIENCY AND REHABILITATION OF PASTORAL AREAS**, Semir B.S. GAOUAR; Sidi Mohammed KALAI; A.M. KERMOUNI SERRADJ; M. BENYAROU; M. SIDHOUM
- P 227 ETHNOBOTANY AND ECOLOGY OF *AMMOIDES VERTICILLATA* IN WESTERN ALGERIA (SIDI BEL ABBES)**, Khadidja SMAHI, Fatima Zohra BENDIMERED-MOURI, Zoheir MEHDADI, Ali LATRECHE, Charaf MOURI, Celia BENTALEB
- P 228 LANDRACES IN ARMENIA: CONSERVATION STATUS, CHALLENGES, AND PATHWAYS TOWARD INCREASED UTILIZATION**, Alvina AVAGYAN
- P 229 WASTEWATER INFRASTRUCTURE FAILURE AND SUSTAINABLE DEVELOPMENT CHALLENGES IN CONFLICT-AFFECTED STUDY AREAS: ENVIRONMENTAL DISASTER IN THE VILLAGE OF THE UMM AL-NASR**, Ashraf KABAR, Nasser Abu GALWA
- P 230 ECOLOGICAL CHARACTERISTICS OF THE URBAN FLORA OF EAST SARAJEVO (BOSNIA AND HERZEGOVINA)**, Natasa MARIC, Sladjana PETRONIC
- P 231 SPATIAL ANALYSIS AND VALIDATION OF A GEOSTATISTICAL MODEL OF SOIL CONTAMINATION WITH POLYCHLORINATED BIPHENYLS IN THE CITY OF BANJA LUKA**, Tatjana NIŠIĆ, Predrag ILIĆ, Emira HUKIĆ
- P 232 IMPROVING NATIONAL INVENTORY OF PLANT GENETIC RESOURCES THROUGH GENE BANK SYSTEM**, Nikolaya VELCHEVA
- P 233 ASSESSMENT OF GROUNDWATER ABSTRACTION AND CROP WATER REQUIREMENTS IN SHALLOW AQUIFERS FOR SMALL-SCALE IRRIGATION**, Hillary Marie Michelle COMPAORE, Élie Serge Gaëtan SAURET, Helena GOMEZ, Jean-Louis FUSILLIER, Bruno BARBIER, Raguilignaba SAM
- P 234 KAIWUOS: A FULL-STACK L4 AUTONOMOUS OPERATION SYSTEM FOR UNMANNED TRACTORS IN UNSTRUCTURED AGRICULTURAL ENVIRONMENTS**, Yong TANG, Yue SHEN

- P 235 LAND USE IMPACT ON SELECTED CHEMICAL PROPERTIES OF PSEUDOGLEY; CASE STUDY KUTINA, CROATIA**, Aleksandra BENSA, Nikolina JURKOVIC BALOG, Ivan MAGDIC
- P 236 USING OF MODEL KATINA TO EVALUATION OF DRIP IRRIGATION RATES AND IDENTIFICATION OF STANDARDS FOR FRUIT TREES IN EGYPT**, A.I. GOLOVANOV, M.M. ABDEL-AZIM
- P 237 COMMUNICATION OF BIODIVERSITY: A SHORT REVIEW**, Asimina SKOUTERI Konstantinos SPANOS, Kostas IOANNIDIS, Dionysios GAITANIS, Nikoleta SOULIOTI, Peristera KOURAKLI
- P 238 NANO PRODUCTS-AN OPTION FOR CLIMATE SMART AGRICULTURE**, A.MADHAVI LATA, P.NANDINI, K.B.SUNEETHA DEVI
- P 239 GEOSPATIAL ASSESSMENT OF AGRICULTURAL WATER PRODUCTIVITY FOR SUSTAINABLE CANAL COMMAND MANAGEMENT**, H. V. PARMAR
- P 240 BIOACTIVE NATURAL EXTRACTS AS SUSTAINABLE ALTERNATIVES TO SYNTHETIC AGROCHEMICALS: A PHYTO-TOXICOLOGICAL STUDY**, Laura SCRANO, Zbigniew ADAMSKY, Çağdaş ÖZDEMİR, Marcella NARRACCI, Sabino BUFO
- P 241 LONG-TERM EFFECTS OF TILLAGE INTENSITY AND COVER CROPS ON SOIL ORGANIC CARBON SEQUESTRATION**, Gražina KADŽIENĖ, Alvyra ŠLEPETIENĖ, Aida SKERSIENĖ, Rūta PESECKIENĖ, Arman SHAMSHITOV, Simona PRANAITYENĖ, Skaidrė SUPRONIENĖ
- P 242 LONG-TERM IMPACTS OF NO-TILLAGE ON PHYSICAL AND HYDRAULIC PROPERTIES OF A VERTISOL IN MERCHOUC, MOROCCO**, Alae BADDOL, Rachid MOUSSADEK, Mohamed CHIKHAOU
- P 243 SARGASSUM MUTICUM AQUEOUS EXTRACT ALLEVIATES SALINITY STRESS IN DURUM WHEAT (*TRITICUM DURUM* L.) BY ENHANCING GROWTH, ANTIOXIDANT SYSTEMS AND OSMOREGULATION**, Ismail EL BZAR, Hamza SABIR, Oumaima OUALA, Yasser ESSADKI, Brahim OUDRA, Vitor VASCONCELOS, Fatima EL KHALLOUFI
- P 244 REVISITING WATER GOVERNANCE IN MOROCCAN AGRICULTURE: THE MEDIATING ROLE OF FARMERS BEHAVIOR**, Meriem EL KOUHEN, Anas FERKHANE, Younes SEKKOU
- P 245 THE IMPACT OF THE ENERGY TRANSITION ON AGRICULTURE : THE CASE OF THE FÈS-MEKNÈS REGION**, Youssef SALBI, Hanine SANAË
- P 246 AI-ENABLED NANO-BIOCHAR-ASSISTED PHYTOREMEDIATION FOR CLIMATE-RESILIENT ENVIRONMENTAL REMEDIATION**, Khadija Tul KUBRA, Muhammad USMAN
- P 247 RISK ASSESSMENT OF HEAVY METALS (Ni, Cd, Pb) CONTAMINATION IN GRAINS, VEGETABLES AND MILK OF MILCH**, Muhammad SABIR, Rabia KHALIQ, Saif ULLAH, M. USMAN
- P 248 GROWTH OF *TRICHODERMA* FUNGI UNDER COPPER STRESS (*IN VITRO* TEST)**, Małgorzata MAJEWSKA, Dominika ŚWIC, Artur NOWAK
- P 249 PHYSIOLOGICAL RESPONSES OF WHEAT AND TOMATO TO POST-MINING WASTE-BASED GROWING MEDIA**, Tamara CHADZINIKOLAU, Magda FORMELA-LUBOŃSKA, Tomasz KLEIBER, Krzysztof OTREMBIA, Klaudia BOROWIAK, Monika MIEŁOCH, Marcin GŁODNIOK
- P 250 PROTECTIVE ROLE OF MELATONIN IN MITIGATING CADMIUM-INDUCED STRESS IN NARROW-LEAF LUPINE (*LUPINUS ANGUSTIFOLIUS* L.) SEEDLINGS**, Tamara CHADZINIKOLAU, Magda FORMELA-LUBOŃSKA, Klara WARDA
- P 251 ASSESSMENT OF PARTICULATE MATTER ACCUMULATION AND AIR POLLUTION TOLERANCE OF *BERBERIS THUNBERGII* IN URBAN ENVIRONMENTS**, Tamara CHADZINIKOLAU, Magda FORMELA-LUBOŃSKA, Weronika KMIOTCZYK
- P 252 MICROPLASTIC CONTAMINATION IN FISH FROM THE NEVY RIVER AND LAKE LADOGA IN RUSSIAN FEDERATION**, Salova Marina SERGEEVNA
- P 253 RESOURCE-SAVING ASPECTS OF MODERN FODDLE PRODUCTION IN THE MAGADAN REGION OF RUSSIA**, Nikolay UKHOV
- P 254 SPRING EARTHWORM DIVERSITY (OLIGOCHAETA, LUMBRICIDAE) IN A CABBAGE (*BRASSICA OLERACEA* VAR. *CAPITATA* L.) FIELD**, Andrija NIKOLIĆ, Filip POPOVIĆ, Nenad DJURIĆ, Jelena STOJILJKOVIĆ, Marija BAJAGIĆ, Vojin CVIJANOVIĆ, Jovana SEKULIĆ

- P 255 INTEGRATED MANAGEMENT OF NATURAL RESOURCES AS A MODEL OF SUSTAINABLE DEVELOPMENT OF RURAL COMMUNITIES**, Branko MIHAILOVIĆ, Vesna POPOVIĆ, Gordana RADOVIĆ
- P 256 TREES IN URBAN PARKS AS SUPPORT FOR SUSTAINABILITY: THE ROLE OF THE TAXON *STYPHNOLOBIUM JAPONICUM* (L.) SCHOTT UNDER ALTERED URBAN CLIMATIC CONDITIONS**, Mirjana OCOKOLJIĆ, Nevenka GALEČIĆ, Dejan SKOČAJIĆ, Jelena ČUKANOVIĆ, Radenka KOLAROV, Sara ĐORĐEVIĆ, Đurđa PETROV
- P 257 THE IMPACT OF "WINTER WEATHER WHIPLASH" ON *PYRUS CALLERYANA* 'CHANTICLEER'**, Mirjana OCOKOLJIĆ, Nevenka GALEČIĆ, Jelena ČUKANOVIĆ, Ivana SENTIĆ, Radenka KOLAROV, Sara ĐORĐEVIĆ, Đurđa PETROV
- P 258 EVALUATION OF THE ONSET OF THE VEGETATION PERIOD AND THE FLOWERING PHENOLOGY OF *MALUS HUPEHENSIS* VAR. *PINYIENSIS* JIANG IN BELGRADE, REPUBLIC OF SERBIA**, Mirjana OCOKOLJIĆ, Nevenka GALEČIĆ, Dejan SKOČAJIĆ, Jelena ČUKANOVIĆ, Radenka KOLAROV, Sara ĐORĐEVIĆ, Đurđa PETROV
- P 259 MOLECULAR COMPOSITION OF PAHS IN DANUBE RIVER SEDIMENTS: ENVIRONMENTAL BEHAVIOR AND POTENTIAL IMPLICATIONS FOR AGRICULTURAL SYSTEMS**, Marija PEROVIĆ, Tanja NENIN, Tatjana MITROVIĆ
- P 260 TRANSITION TO ISO 14001:2026: INTEGRATING CLIMATE AND LIFE-CYCLE MANAGEMENT**, Marija PEROVIĆ, Marija TODOROVIC, Tatjana MITROVIC
- P 261 THE ROLE OF EMPLOYEE TRAINING IN OCCUPATIONAL SAFETY AND HEALTH WITH SPECIAL EMPHASIS ON AGRICULTURAL WORK ENVIRONMENTS**, Marija PEROVIĆ, Marija TODOROVIC, Tatjana MITROVIC
- P 262 POTENTIAL OF INVASIVE ORNAMENTAL PLANT BIOMASS FOR BIO-BASED SOLUTIONS PRODUCTION: A CASE STUDY OF NOVI SAD, SERBIA**, Magdalena PUŠIĆ DEVAI, Mirjana LJUBOJEVIĆ, Jovana OSTOJIC, Milica GRUBAC, Veljko ŠARAC, Dragana SUNJKA, Tijana NARANDŽIĆ
- P 263 AGRICULTURAL AND MINING SOILS AMENDED WITH DIFFERENT DOSES OF BIOCHAR: EFFECTS ON CHEMICAL AND MICROBIOLOGICAL PROPERTIES**, Radegunda Eyenga ABULA ANDEME, Vanesa SANTAS-MIGUEL, Jesica MURRAY, Mauricio R. ORMACHEA, Paula PEREZ RODRIGUEZ
- P 264 EFFECT OF COMMERCIALIZED AND BIOSYNTHESIZED COPPER NANOPARTICLES ON LETTUCE**, Raoudha KHANFIR BEN JENANA, Imen MAHFOUDHI
- P 265 PRODUCTION OF HYDROCHAR FROM TEA WASTE VIA BORIC ACID AND ZnCl₂-SUPPORTED HYDROTHERMAL CARBONIZATION AND EVALUATION OF ITS ENERGY POTENTIALS**, Ayşe Nihan AÇIKKAPI, Yahia BANI HANI, Hamiyet ŞAHİN KOL, Mehmet Kuddusi AKALIN
- P 266 PHYTOREMEDIATION AND BIOSORPTION POTENTIAL OF *OPUNTICA FICUS-INDICA* IN CONTAMINATED SOIL AND WATER SYSTEMS**, Enise SÜKÜŞÜ
- P 267 BIO-OIL PRODUCTION FROM AGRICULTURAL FRUIT WASTES AND EVALUATION OF ITS ANTIMICROBIAL ACTIVITY**, Ayşe Nihan AÇIKKAPI, Sevil ÖZTAŞ, Yahia Bani HANI, Hamiyet ŞAHİN KOL, Mehmet Kuddusi AKALIN
- P 268 CHARACTERIZATION OF PRODUCTS OBTAINED FROM THE PYROLYSIS OF AGRICULTURAL BIOMASS AND INVESTIGATION OF THE ANTIMICROBIAL PROPERTIES OF BIO-OILS**, Surprise Ranchet MABELET BATANGOUNA, Ayşe Nihan AÇIKKAPI, Sevil ÖZTAŞ, Yahia BANI HANI, Hamiyet ŞAHİN KOL, Mehmet Kuddusi AKALIN
- P 269 PRESCREENING OF PHARMACEUTICAL LEVELS IN THE HUNTSVILLE SPRING BRANCH WATERSHED**, Karnita GARNER, Paul OKWEYE
- P 270 AN INNOVATIVE APPROACH TO REFORESTATION IN LOW-INCOME COMMUNITIES BASED ON THE BLOCKCHAIN**, Hamidreza SOLAYMANI, Vesna MRDALJ
- P 271 BIOMONITORING OF AIR QUALITY IN FOREST ECOSYSTEMS NEAR THE NISTER (NORTHERN SEGMENT OF MOLDOVA)**, Adam BEGU
- P 272 IMPACT OF CONVENTIONAL AGRICULTURAL PRODUCTION METHODS ON BIODIVERSITY AND ECOSYSTEMS IN MOROCCO**, Mustapha OUATMANE

P 273 **PARCEL-LEVEL DEFORESTATION HAZARD RATES IN THE PARAGUAYAN CHACO: A MULTI-SCALE EMPIRICAL ANALYSIS OF ANNUAL CLEARING DYNAMICS ON LARGE CATTLE RANCHES**, William SCHUMAN, Ionuț-Alexandru CIOCÎRLIE, Jazmin OJEDA, Monserrat GARCIA-CALABRESE, Juan Francisco FACETTI

P 274 **OPTIMIZING BIOETHANOL PRODUCTION**, Gabriela SIMION

P 275 **AGRICULTURAL WATER PUMPS AS A POTENTIAL DISPERSAL VECTORS FOR AN ALIEN SPECIES *MACROBRACHIUM NIPPONENSE* IN THE DANUBE DELTA**, Iulian FOMICI, Dragos BALAIKAN, Ovidiu DRĂGAN, Aurel NĂSTASE

P 276 **AGRICULTURAL BY-PRODUCTS AS RENEWABLE RESOURCES FOR SUSTAINABLE BIODEGRADABLE FOOD SERVICE PRODUCTS**, Buket CETÎNER

P 277 **STRUCTURAL PROBLEMS AND ENVIRONMENTAL RISKS IN SOILLESS AGRICULTURE: AN ASSESSMENT FROM NATURAL RESOURCE MANAGEMENT PERSPECTIVE**, DUYGU ŞAPOLYO UÇAN, Mert UÇAN, FATİH TOPALOĞLU

P 278 **EFFECT OF PROBIOTIC-BASED AND CHEMICAL FERTILIZERS ON THE ALLERGENIC POTENTIAL OF POLLEN IN PERENNIAL RYEGRASS (*LOLIUM PERENNE*)**, Tarik YILDIZ, Sena ONUK, Onur OKUMUŞ

Conference Hall F (Hotel Vucko)**Wednesday, (October 7th, 2026), 18:00 - 19:00****Working committee**

Chairpersons: Muhammad Zubair ANJUM, Hana ZAKARIA, Bojana RISTANOVIC

- P 279 EFFECT OF DIETARY SUPPLEMENTATION OF *DITTRICHIA VISCOSA* LEAFS ON GROWTH PERFORMANCE IN BROILER CHICKENS**, El-Hacene BALLA, Cylia RABIA, Abdelhanine AYAD
- P 280 FIRST DATA OF MORPHOMETRIC CHARACTERISATION OF *VARROA DESTRUCTOR* FROM OULED BELHADJ (ALGERIA)**, Fatma GUEDADA-GOUGAM, Messaouda BELAID, Fatima TOUDERT-DJOUBER, Houda BOURAGHDA
- P 281 EFFECT OF INCORPORATING *AZOLLA PINNATA* INTO THE DIET OF JAPANESE QUAIL ON SELECTED ZOOTECHNICAL PARAMETERS**, Haizia BOUDJELLABA, Souhila MAHMOUDI, Nacera MAHMOUDI
- P 282 HISTOPATHOLOGICAL AND PHYSIOLOGICAL ALTERATION IN INFESTED WORKER HONEYBEE (*APIS MELLIFERA INTERMISSA*) BY THE ECTOPARASITIC MITE *VARROA DESTRUCTOR* (ACARI: VARROIDAE)**, Messaouda BELAID, Ouanassa BRENKIA-SAAD1, Fatima DJOUBER
- P 283 VOLATILITY OF CHICKEN SELLING PRICES IN ALGERIA: FACTORS AND CONSEQUENCES**, Nacéra MAHMOUDI, Souhila MAHMOUDI, Chouaib SIOUDA
- P 284 PHYSICOCHEMICAL, TEXTURAL AND SENSORY PROPERTIES OF COOKED HAM IN CASING**, Ana VELEMIR, Snježana MANDIĆ, Danica SAVANOVIĆ, Aleksandar SAVIĆ, Mladen PAJEVIĆ
- P 285 DAILY SALT INTAKE THROUGH TRADITIONAL AND INDUSTRIALLY PRODUCED DRY-CURED MEAT PRODUCTS**, Ana VELEMIR, Snježana MANDIĆ, Danica SAVANOVIĆ, Aleksandar SAVIĆ, Sandra JANJIĆ
- P 286 MINERAL COMPOSITION OF TRADITIONAL JANJ CHEESE WITH PLANT ADDITIVES**, Danica SAVANOVIĆ, Ana VELEMIR, Aleksandar SAVIĆ, Jovo SAVANOVIĆ, Branislav SOJIC, Vesna MUZDEKA
- P 287 PHYSICOCHEMICAL CHARACTERIZATION OF FRESH CHEESE ENRICHED WITH TURMERIC (*CURCUMA LONGA* L.)**, Danica SAVANOVIĆ, Ana VELEMIR, Aleksandar SAVIĆ, Jovo SAVANOVIĆ, Milana KECMAN
- P 288 EFFECT OF GROUP SIZE IN CONVENTIONAL CAGES ON THE PRODUCTION TRAITS OF LOHMANN BROWN LAYING HENS**, Danilo SPREČO, Tatjana KRAJIŠNIK, Igor ĐURĐIĆ, Nevena RISTIĆEVIĆ
- P 289 DAIRY SECTOR IN REPUBLIK OF SRPSKA – CHALLENGES AND OPPORTUNITIES**, Draženko BUDIMIR, Marija JOVIĆIĆ
- P 290 SOIL EXCHANGE COMPLEX AND ALUMINIUM AND IRON OXIDES AS INDICATORS OF ACIDIFICATION IN DYSTRIC CAMBISOLS**, Zorica GOLIC
- P 291 THE ILE DE FRANCE BREED IN BULGARIA - CURRENT STATUS AND DEVELOPMENT TRENDS**, Snezhina YANAKIEVA, Evgeniya ACHKAKANOVA, Zhiuko DUCHEV, Maya IGNATOVA
- P 292 DETERMINATION OF THE EFFECT OF *YUCCA SCHIDIGERA* ON EGG PRODUCTION AND BIOCHEMICAL PARAMETERS IN LAYING HENS**, Mariya TODOROVA, Yordan DIMITROV
- P 293 ENHANCING RUMINANT FEED EFFICIENCY AND MITIGATING ENTERIC METHANE EMISSIONS THROUGH PRECISION PHYTOGENIC DIETARY SUPPLEMENTATION**, Ahmed ALI
- P 294 DIETARY SUPPLEMENTATION WITH ROSE WATER (*ROSA DAMASCENA* HYDROSOL) IMPROVES GROWTH AND ALTERS GUT MICROBIOTA COMPOSITION IN WEANED PIGLETS**, Ioannis GIANNOPOULOS, Maria ALVANOU, Anna-Maria ANASTASIOU, Ioannis GIANTISIS, Georgios ROZOS, Georgios SYMEON, Chrysa VOIDAROU, Konstantinos ZARALIS

- P 295 EFFECTS OF ROSE AND OREGANO WATER DIETARY SUPPLEMENTATION ON BROILER GROWTH AND CARCASS QUALITY**, Ioannis GIANNOPOULOS, Georgios SYMEON, Georgios ROZOS, Chrysa VOIDAROU, Konstantinos ZARALIS
- P 296 PRE- AND POST-WEANING LAMB CALLS REFLECT VOCAL DISTINCTIVENESS BUT NOT SEX**, Ioannis MAVRIKOS, Kallirroi PAPADAKI, Panagiota KOUTSOULI, Iosif BIZELIS, George P. LALIOTIS
- P 297 CELL-BASED AMNIOTIC GRAFTING FOR BUFFALO CORNEAL DEFECTS: A FARM-INTEGRATED REGENERATIVE STRATEGY**, PRARTHANA R, ASWATHY GOPINATHAN, KIRANJEET SINGH, PURUSHOTHAM R.V, *AJMI BIN AZEEZ*
- P 298 EFFECTS OF DIETARY PHYTOGENIC FEED ADDITIVES ON GROWTH PERFORMANCE, BLOOD PARAMETERS, AND IMMUNE RESPONSE IN BROILERS**, Maha MOHAMMED ABUAMIRAH, Hana ZAKARIA
- P 299 EFFECT OF ACIDOSIS AND KETOSIS ON MILK YIELD IN DAIRY COWS**, Rūta BUDRECKIENĖ, Jurgita DAILIDAVIČIENĖ, Greta BRADŪNAITĖ
- P 300 RADIOACTIVITY IN THE FOOD CHAIN: SOURCES, TRANSFER PATHWAYS AND GAMMA-SPECTROMETRIC ANALYSIS**, Aleksandra ANGELESKA, Darko ANDRONIKOV, Radmila CRCEVA NIKOLOVSKA, Elizabeta DIMITRIESKA STOJKOVIKJ, Igor ESMEROV, Stefan JOVANOV, Risto UZUNOV
- P 301 STUDYING THE INFLUENCE OF BIOLOGICALLY ACTIVE PREPARATIONS ON THE REPRODUCTIVE QUALITIES OF SOWS**, Alisa PIRLOG, Anatoli CARAPIREA, Grigore DARIE, Elena CIBOTARU, Natalia PAVLICENCO
- P 302 PROSPECTS FOR THE USE OF HEMP MEAL IN DAIRY CATTLE FEEDING**, Larisa CAISIN, Ludmila BIVOL, Natalia GROSU, Dumitrita NISTOR
- P 303 EFFECTS OF VITAMIN E ON THE MORPHOLOGY OF DIGESTIVE ORGANS OF BUDGIES (*MELOPSITTACUS UNDULATUS*) IN BREEDING AND NON-BREEDING SEASONS**, Tayyba, Sarmad REHAN, Anas Sarwar QURESHI, Razia KAUSAR, Maira FATIMA
- P 304 EFFECTS OF VITAMIN E ON THE MORPHOLOGY AND HISTOLOGY OF CENTRAL NERVOUS SYSTEM OF BUDGIES IN DIFFERENT SEASONS**, Maira FATIMA, Sarmad REHAN, Anas SARWAR QURESHI, Razia KAUSAR, Malik ZOHAIB ALI, Sheikh MUHAMMAD USMAN
- P 305 EFFECT OF DIETARY SUPPLEMENTATION OF SCHIZOCHYTRIUM SP. ON THE INTESTINAL MICROBIOTA OF GRASS CARP**, Abdul RASHEED, Anas Sarwar QURESHI, Sarmad REHAN, Razia KAUSAR, Malik Zohaib ALI, Sheikh Muhammad USMAN
- P 306 HONEYBEE WAX AND MESENCHYMAL STEM CELL-BASED NERVE SCAFFOLD AS NOVEL STRATEGY FOR REPAIRING PERIPHERAL NERVE INJURY**, Saba RASHID, Sarmad REHAN, Shah Nawaz SIAL, Shamshad Ul HASSAN, Bilal ASLAM
- P 307 ENHANCING DAIRY CATTLE PERFORMANCE THROUGH NANO-PROPOLIS SUPPLEMENTATION: EFFECTS ON PRODUCTIVITY AND HEALTH**, Muhammad Farooq IQBAL, Huraira ASLAM, Nasir MUKHTAR, Zahid MANZOOR
- P 308 INFLUENCE OF A NOVEL POLYHERBAL NUTRITIONAL SUPPLEMENT ON MILK PRODUCTION, UDDER HEALTH AND PARASITIC INFESTATION IN CROSS BRED DAIRY CATTLE**, Muhammad BILAL, Muhammad FAROOQ IQBAL, Tanveer AHMAD, Murtaz-UL-HASAN, Kashif ISHAQ
- P 309 DISTRIBUTION OF TICKS IN BLACK RATS AS POTENTIAL RESERVOIR HOSTS IN THE INTEGRATED LIVESTOCK REARING SYSTEM OF CHAKWAL, PAKISTAN**, Sadia GHAZANFER, Muhammad Sohail SAJID, Urfa BinTAHIR, Muhammad SAQIB
- P 310 FEATHERED GAINS: HOW LYSOZYME OPTIMIZES HEALTH AND GROWTH IN JAPANESE QUAILS (*COTURNIX JAPONICA*)**, Rashk FATIMA, Anas Sarwar QURESHI, Sarmad REHAN, Razia KAUSAR, Malik Zohaib ALI
- P 311 COMPARISON OF SELECTED CHARACTERISTICS OF SLAUGHTER VALUE OF MALE AND FEMALE GUINEA FOWL (*NUMIDA MELEAGRIS*)**, Daria MURAWSKA, Justyna BŁĄZEJAK, Dorota WITKOWSKA, Przemysław PIECH
- P 312 EVALUATION OF THE ECONOMIC VIABILITY OF SELLING CALVES AGED 6 TO 8 MONTHS**, Luís SANTA-MARIA

- P 313 FEED ADDITIVE "COMPLEX MX": EFFECT ON DAIRY COW PRODUCTIVITY**, Dmitry KOSTYAN, Alexander BELOPOLSKY
- P 314 STUDY OF ANTIMICROBIAL RESISTANCE IN BRUCELLA VACCINE STRAIN**, Natalya KICHEMAZOVA, Kira YURINA, Maxim LAVRUKHIN, Sergey ZAITSEV, Olga LARIONOVA, Valentina FEODOROVA
- P 315 THE NUTRITIONAL VALUE AND PROTEIN DEGRADABILITY OF AN ENSEILED MIXTURE OF PEAS AND OATS WITH THE ADDITION OF GROUND CORN GRAIN**, Bojan STOJANOVIĆ, Vesna DAVIDOVIĆ, Aleksandra IVETIĆ, Vladimir DOSKOVIĆ, Blagoje STOJKOVIĆ, Ivana GRUJIĆ
- P 316 SPRING STIMULATING FEEDING OF BEE COLONIES IN DB HIVES**, Goran JEVTIĆ, Snežana BABIĆ, Snežana ANDELKOVIĆ, Đorđe LAZAREVIĆ, Mirjana PETROVIĆ, Vladimir ZORNIĆ, Kazimir MATOVIĆ
- P 317 SPRING STIMULATING FEEDING OF BEE COLONIES IN LR HIVES**, Goran JEVTIĆ, Snežana BABIĆ, Snežana ANDELKOVIĆ, Đorđe LAZAREVIĆ, Mirjana PETROVIĆ, Vladimir ZORNIĆ, Kazimir MATOVIĆ
- P 318 APPLICATION OF MEDICINAL PLANTS IN THE TREATMENT OF DIGESTIVE PROBLEMS IN ANIMALS**, Milan NINKOVIĆ, Nemanja ZDRAVKOVIĆ, Aleksandra TASIĆ, Nikola CUKIĆ, Jovan BOJKOVSKI, Sveta ARSIĆ
- P 319 CANDIDA ALBICANS MASTITIS IN COWS**, Milan NINKOVIĆ, Nemanja ZDRAVKOVIĆ, Nemanja JEZDIMIROVIĆ, Aleksandra TASIĆ, Jovan BOJKOVSKI, Sveta ARSIĆ
- P 320 EFFECTIVENESS OF THYMOL POWDER IN CONTROLLING VARROA DESTRUCTOR**, Nebojša NEDIĆ, Steva M. LEVIĆ, Denis VOJT
- P 321 THE EFFECT OF REPLACEMENT OF FISHMEAL WITH ALTERNATIVE PROTEIN SOURCES ON THE ANTIOXIDANT STATUS OF COMMON CARP**, Stefan MARJANOVIĆ, Marko STANKOVIĆ, Jelena VRANKOVIĆ, Aleksandra DOBRIČIĆ, Vukosav GOLUBOVIĆ, Spasoje BELOŠEVIĆ, Zoran MARKOVIĆ
- P 322 TECHNOLOGY AND QUALITY OF WHITE BRINED CHEESE PRODUCED IN THE VALJEVO AREA IN SERBIA**, Tanja VUČIĆ, Kristina SOFRONIĆ, Snežana JOVANOVIĆ
- P 323 EFFECT OF REDUCED-PROTEIN DIETS SUPPLEMENTED WITH PROTEASE AND SEX ON QUALITY OF PROCESSED CARCASSES AND ABDOMINAL FAT OF BROILERS**, Vladimir DOSKOVIĆ, Snežana BOGOSAVLJEVIĆ-BOŠKOVIĆ, Zdenka ŠKRBIĆ, Miloš LUKIĆ, Bojan STOJANOVIĆ, Simeon RAKONJAC, Veselin PETRIČEVIĆ
- P 324 IMPACT OF CALVING INTERVAL ON MILK PRODUCTION IN SELECTED BREEDING HERDS OF THE SLOVAK SPOTTED DAIRY COWS**, Jozef BUJKO, Juraj CANDRÁK, Nina MORAVČIKOVÁ, Martina MILUCHOVÁ, Radovan KASARDA
- P 325 PRELIMINARY OBSERVATIONS OF GENETIC COMPLEMENTATION IN KING QUAIL PLUMAGE COLOUR FROM WHITE x RED-BREADED CROSSES**, Arzu ÜÇTEPE
- P 326 UNDERSTANDING MILK QUALITY THROUGH NETWORK ANALYSIS: A REVIEW APPROACH**, Demet ÇANGA BOĞA, Mustafa BOĞA
- P 327 ULTRASOUND SONICATION OF WHOLE SOYBEAN AS A NON-THERMAL ALTERNATIVE TO ROASTING: EFFECTS ON TRYPSIN INHIBITOR ACTIVITY, IN SITU RUMINAL DEGRADABILITY, IN VITRO INTESTINAL DIGESTIBILITY, AND RUMINAL BIOHYDROGENATION OF POLYUNSATURATED FATTY ACIDS**, Amer ABUGHAZALEH, Mohamed EMBABY
- P 328 SUPPLEMENTATION OF CULTURE MEDIUM WITH ROYAL JELLY AFFECTS THE DEVELOPMENT OF IN VITRO PRODUCTION OF BOVINE EMBRYOS**, Ilias RAMOUIZIS, Yulia N. CAJAS, María G. Millán DE LA BLANCA, Carolina Nuñez-PUENTE, Paula BELTRAN, Karina Cañón-BELTRAN, Georgios S AMIRIDIS, Dimitrios RIZOS, Eleni DOVOLOU
- P 329 NEW INSIGHTS INTO THE ANTHELMINTIC POTENTIAL OF ORIGANUM VULGARE L., THYMUS VULGARIS L. AND SYZYGIUM AROMATICUM L. ESSENTIAL OILS AGAINST SHEEP GASTROINTESTINAL NEMATODES**, Filip ŠTRBAC, Antonio BOSCO, Radomir RATAJAC, Ivan PUŠIĆ, Dragica STOJANOVIĆ, Jelena GOLIJAN, Laura RINALDI
- P 330 EFFECT OF MICROINJECTION OF A FAT-SOLUBLE ANTIOXIDANT ISOMER ON THE DEVELOPMENT OF CHICKS REARED UNDER HYPOXIC STRESS**, Elif BABACANOĞLU ÇAKIR

Conference Hall D (Hotel Vucko)**Wednesday, (October 7th, 2026), 15:30 - 16:30****Working committee**

Chairpersons: Hamid El BILALI, Dragana OSTIC

- P 331 AGRICULTURAL SUBSIDY MECHANISMS IN THE FEDERATION OF BOSNIA AND HERZEGOVINA: A COMPARATIVE ANALYSIS OF UNA-SANA CANTON AND CANTON 10,** Emir MUJIĆ, Miljan ERBEZ
- P 332 AGRICULTURAL SUBSIDY MECHANISMS IN THE REPUBLIC OF SRPSKA: INSTITUTIONAL FRAMEWORK, STRUCTURE AND KEY CHALLENGES,** Emir MUJIĆ, Miljan ERBEZ
- P 333 ENTREPRENEURIAL INTENTIONS AMONG AGRI-FOOD STUDENTS: INSIGHTS FOR RURAL DEVELOPMENT,** Marija LASIĆ, Mirela MABIĆ, Enela MEMIĆ
- P 334 WINE CONSUMER MARKET PREFERENCES AS A BASIS FOR STRATEGIC DEVELOPMENT OF SMALL WINERIES IN THE REPUBLIC OF SRPSKA,** Nedeljka ELEZ, Tijana BANJANIN, Tatjana ROSIĆ
- P 335 PURITY IN FOODS OF ANIMAL ORIGIN: SOCIAL AND ENVIRONMENTAL CONTEXTS,** Adéla SOUDKOVÁ, Zbyněk ULČÁK
- P 336 FORECASTING GREENHOUSE GAS (GHG) EMISSIONS IN THE STATE OF PIAUÍ, BRAZIL,** José de Jesus Sousa LEMOS; Francisco Nilson Silva ARAÚJO; Fernando Marciano de ALMEIDA; Elizama Cavalcante DE PAIVA; Erika Sousa COSTA
- P 337 ATTITUDES AND KEY COMPETENCIES OF YOUNG ENTREPRENEURS IN AGRIBUSINESS IN BULGARIA FOR SUSTAINABLE DEVELOPMENT IN THE CONTEXT OF THE EUROPEAN GREEN DEAL,** Diana KOPEVA, Daniela TSVYATKOVA
- P 338 INFANT MORTALITY IN BULGARIA (2014–2024): DEMOGRAPHIC TRENDS AND TERRITORIAL DIFFERENCES,** Rositza MIKOVA
- P 339 HEALTHCARE INFRASTRUCTURE CONVERGENCE IN SOUTHEASTERN BULGARIA,** Rositza MIKOVA
- P 340 LIFE BEHIND THE BARN: A QUANTITATIVE INVESTIGATION OF LONELINESS AND WELL-BEING OF LIVESTOCK FARMERS IN GREECE,** Konstantinos ZARALIS, Ioannis TSAKMAKIDIS, Eirini ANTONAKI, Georgia KOUTOUZIDOU, Nestor TSAKMAKIDIS
- P 341 NEOSPORA CANINUM PREVALENCE IN GREEK SEMI-INTENSIVE WATER BUFFALOES USING MILK ELISA,** Konstantinos ZARALIS, Ioannis TSAKMAKIDIS, Nestor TSAKMAKIDIS, Menelaos LEFKADITIS, Marina SOFIA, Ioannis GIANTSIS
- P 342 DESCRIPTION OF MORPHOLOGICAL AND MORPHOMETRIC CHARACTERISTICS OF THE "FLORINA-PELAGONIA" AND "RUMLOUKIOU" SHEEP BREEDS,** Konstantinos ZARALIS, Ioannis CHASIOTIS, Aikaterini ZACHOPOULOU, Georgios ROZOS, Stergiani DALAMITRA, Dimitrios CHATZIPLIS
- P 343 PARTNERSHIPS FOR CLIMATE RESILIENCE AND FOOD SOVEREIGNTY IN WEST AFRICA AND THE SAHEL: CASE OF NEGLECTED AND UNDERUTILISED SPECIES,** Hamid EL BILALI, Valentina CALLARI, Rikke Grand OLIVERA, Etienne BASSET, Lawali DAMBO, Jacques NANEMA, Emmanuel NJUKWE, Ousseini OUEDRAOGO, Enrico DI STEFANO
- P 344 TRENDS OF INTERNATIONAL TRADE IN LITHUANIAN AGRIFOOD SECTOR,** Aldona STALGIENĖ
- P 345 MOUNTAIN OASES IN TRANSFORMATION: A DYNAMIC ASSESSMENT OF WATER RESILIENCE,** Bouchra KOUISSI, Julien BURTE, Younes BEKKAR, Hela GASMI, Khadija JAAFARY, Eduardo Sávio Passos Rodrigues MARTINS, Jader de Oliveira SANTOS and Nassreddine MAATALA
- P 346 RESULTS-BASED MANAGEMENT (RBM) OF AGRICULTURAL FARM EQUIPMENT PROJECTS: THE CASE OF THE OLIVE-GROWING SECTOR IN THE MEKNÈS-FÈS REGION,** Naimi Jamal EDDINE, Naimi ABDELMOURHIT

- P 347 FROM RESILIENT OASES TO REGENERATIVE OASES: TOWARDS AN INTEGRATED MODEL OF WATER, AGROECOLOGICAL AND TERRITORIAL TRANSITION IN MOROCCO,** Laila CHIABRI, Aziz MESSOUSSI
- P 348 TRAINING NEEDS ASSESSMENT OF SMALLHOLDER OIL PALM FARMERS AND PROCESSORS IN ONDO STATE, NIGERIA,** Bamigboye Emmanuel OLASOPE
- P 349 GENDER-BASED VIOLENCE IN ASIAN AND AFRICAN CONTINENTS: SOCIOLOGICAL AND PHYSIOLOGICAL LENSES,** Ogunjimi Sunday IDOWU, Ajala Abiodun OLADAYO
- P 350 DIGITAL TRANSFORMATION AND SUPPLY CHAIN OPTIMIZATION IN PAKISTANI AGRI-MARKETING: EMPOWERING RURAL ECONOMIES,** Minhaj ABID, Naveed ASHRAF
- P 351 INTEGRATED AGRICULTURAL CONSULTANCY FOR IMPROVING FARM MANAGEMENT AND DECISION-MAKING,** Muhammad ISLAM
- P 352 MARKET LINKAGE SERVICES AS A TOOL FOR IMPROVING FARMER ACCESS TO AGRICULTURAL MARKETS,** Muhammad RIZWAN
- P 353 DIGITAL AGRI-MARKETING: IMPROVING MARKET ACCESS FOR PERI-URBAN FARMERS IN LAHORE,** Muhammad YOUSUF
- P 354 DIGITAL AGRICULTURE SOLUTIONS FOR MODERN FARM ADVISORY SERVICES,** Naeem KHAN
- P 355 CLIMATE-SMART PROTECTED HORTICULTURE FOR RESOURCE-EFFICIENT VEGETABLE PRODUCTION,** Naveed ISHAQ
- P 356 EMERGING AGRIBUSINESS TRENDS AND INNOVATIVE BUSINESS MODELS FOR SUSTAINABLE AGRICULTURAL DEVELOPMENT,** Raffay SHAMS
- P 357 AGRICULTURAL CONSULTANCY FOR PERI-URBAN FARMERS IN LAHORE,** Sajjad JAN
- P 358 VALUE CHAIN COORDINATION AS A STRATEGY FOR SUSTAINABLE HORTICULTURAL DEVELOPMENT,** Shameer HASSAN
- P 359 FARMERS' RIGHTS AND RESPONSIBILITIES IN ISLAMIC LAW: PRINCIPLES, CHALLENGES, AND CONTEMPORARY PERSPECTIVES,** Syed Naeem BADSHAH, Ikram-ul-HAQ
- P 360 TRENDS IN GLOBAL OLIVE OIL PRODUCTION AND TRADE DURING 2020–2024,** Irina-Adriana CHIURCIU, Paula STOICEA, Elena SOARE, Aurelia-Ioana CHEREJI, Andreea-Roxana FIRĂȚOIU
- P 361 CREATING A RESIDENT-FRIENDLY URBAN ENVIRONMENT THROUGH THE AGENCY OF THE PUBLIC (THE CASE OF OMSK, RUSSIA),** Irina A. TROTSENKO, Yuliya V. KORCHEVSKAYA
- P 362 SUBSTANTIATION OF THE TECHNOLOGY OF WINE BLENDS FROM PROMISING GRAPE VARIETIES ZONED IN THE KRASNODAR TERRITORY,** Ksenia SKORIK, Inna OSELEDTSEVA
- P 363 DEVELOPMENT AND JUSTIFICATION OF A BLEND BASED ON HYBRID GRAPE VARIETIES,** Ksenia SKORIK, Inna OSELEDTSEVA
- P 364 FARMERS' READINESS INDEX FOR E-MARKETING IN SAUDI ARABIA AND THE ROLE OF AGRICULTURAL EXTENSION,** Bander ALSAGHAN, Majed ALHURAIB, Saad ALMUGHAYRIBI, Mohammed ALESSA
- P 365 RESPONSIBLE MILK SUPPLY CHAIN PRACTICES IN SERBIA: CHALLENGES AND FUTURE PERSPECTIVES,** Jana PETROVIĆ, Miroslav NEDELJKOVIĆ, Velibor POTREBIĆ
- P 366 COMPETITIVENESS AND EXPORT POTENTIAL OF SERBIAN HONEY ON THE INTERNATIONAL MARKET,** Marija NIKOLIĆ, Nebojša NEDIĆ, Ivana VASIĆ
- P 367 INTEGRATION OF ARTIFICIAL INTELLIGENCE INTO AGRICULTURAL ADVISORY SERVICES: A FRAMEWORK FOR SERBIA,** Vedran TOMIĆ, Slađan STANKOVIĆ, Dušan NIKOLIĆ, Robert RADIŠIĆ, Jelena JOVANOVIĆ
- P 368 CONTEMPORARY TRENDS AND CHALLENGES IN AGRIBUSINESS,** Branislav DUDIC, Alexandra MITTELMAN, Milan BERTIC

P 369 TECHNICAL EFFICIENCY OF CASSAVA PRODUCTION IN SELECTED LOCAL GOVERNMENT AREAS OF BAYELSA STATE, NIGERIA, Rachael E. MORRIS, Ikechi K. AGBUGBA, Data I. EKINE, Ebitari BINAEBI, Phokele MAPONYA, Stella G. MANUREH

P 370 SEED COLLECTION AND LIVELIHOOD VULNERABILITY IN THE EMERGING PANGASIVUS KREMPFI VALUE CHAIN IN THE MEKONG RIVER DELTA, Tan Tai NGUYEN, Thanh Phuong NGUYEN, Thi Bich Hang BUI, Thi Thanh Huong DO, Quoc Viet LE, Thuy Yen DUONG, Nam Son VO, Viet Khai HUYNH, Hong Quyet Thang NGUYEN, Tinh Em NGUYEN, Patrick KESTEMONT, Frédéric FARNIR, Philippe LEBAILLY, Thi Minh Hop HO, Philippe BURNY

P 371 CROSS-NATIONAL CONSUMER PREFERENCES FOR ORGANIC FOOD IN SOUTHERN EUROPE: EVIDENCE FROM PORTUGAL, SPAIN AND GREECE, Fernando NUNES

P 372 TRENDS IN ORGANIC FOOD CHOICES AND CONSUMPTION: CONSUMER BEHAVIOR AND ATTRIBUTE PREFERENCES IN GREECE, Teresa MADUREIRA, Fernando NUNES, Lamprini DIMITRIOU, Ermioni MELETI, Athanasios MANOURAS, José Veiga, Fernando MATA, Maria ALEXANDRAKI, Eleni MALISSIOVA

P 373 AGRO-ECOLOGY IN DAIRY GOAT PRODUCTION: A PATH TO SUSTAINABILITY, Sezen OCAK YETİŞGİN

Conference Hall H (Hotel Vucko)

Wednesday, (October 7th, 2026), 17:00 - 18:00

Working committee

Chairpersons: Sasa ORLOVIC, Michael MAREK, Marko GUTALJ

- P 374 STATE OF THE AURES FOREST ECOSYSTEMS IN THE FACE OF GLOBAL WARMING**, Ghaouti KERRACHE
- P 375 GROWTH VARIABILITY OF *QUERCUS ROBUR* PROVENANCES IN A PROVENANCE TRIAL IN BOSNIA AND HERZEGOVINA**, Benjamin JUKIĆ, Azer JAMAKOVIĆ, Mirzeta MEMIŠEVIĆ HODŽIĆ, Dalibor BALLIAN
- P 376 DIMENSIONAL STABILITY OF SERBIAN SPRUCE (*PICEA OMORIKA* PANČIĆ/PURKINĚ) WOOD: EFFECTS OF GROWTH CONDITIONS AND WOOD STRUCTURE**, Danijela PETROVIĆ, Vojislav DUKIĆ, Dane MARČETA, Vladimir PETKOVIĆ, Srđan BILIĆ
- P 377 VARIABILITY OF HYGROSCOPIC WATER CONTENT IN CALCOCAMBISOLS OF THE OSMACA - TISOVAC FOREST COMPLEX, REPUBLIC OF SRPSKA, BOSNIA AND HERZEGOVINA**, Dragan STOJICIC, Olivera KOŠANIN
- P 378 400-YEAR-LONG CHRONOLOGY OF THE BLACK PINE FROM THE MOUNTAINOUS AREA OF THE EASTERN PART OF REPUBLIKA SRPSKA**, Rade IVANOVIĆ, Jelena LUKOVIĆ, Branko STAJIĆ, Marko KAZIMIROVIĆ, Milica PECELJ, Mitar KRSMANOVIC
- P 379 MORPHOLOGICAL CHARACTERISTICS OF THE ORDINARY BLACK TRUFFLE (*Tuber mesentericum* Vittad.) FROM BOSNIA AND HERZEGOVINA**, Srđan LJUBOJEVIĆ, Tihomir RADOVAC
- P 380 EVALUATION OF SOME MICROBIOLOGICAL AND CHEMICAL FOR SOME WATER WELLS IN SEBHA**, Hani Danial
- P 381 CONSERVATION AND COMMERCIALIZATION OF *PICRORHIZA KURROA* AND *SWERTIA CHIRAYITA*: THE CASE OF TWO ENDANGERED MEDICINAL HERBS IN THE WESTERN HIMALAYA**, Rajesh CHAUHAN, Kaushalya KAPOOR, S.K. KAPTA, Shreshtha NAND, Sanjay SOOD
- P 382 ECOLOGICAL-COENOLOGICAL CLASSIFICATION OF BEECH-FIR FORESTS IN MT. VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 383 ECOLOGICAL-COENOLOGICAL CLASSIFICATION OF MOUNTAIN BEECH WITH A MONODOMINANT CHARACTER IN MT. VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 384 *PANTOEA AGGLOMERANS* PRETREATMENT MODULATES BIOCHEMICAL RESPONSES OF THE EUROPEAN ASH TO PROGRESSIVE DROUGHT STRESS**, Milana ŠILANSKIENĖ, Dorotėja VAITIEKŪNAITĖ, Vaida ŠIRGEDAITĖ-POLIKAITIENĖ
- P 385 EFFECTS OF A *JUNIPERUS COMMUNIS*-BASED PREPARATION ON BEECH SEED GERMINATION DURING COLD STRATIFICATION**, Dina ELISOVETCAIA, Raisa IVANOVA, Natalia MASCENCO
- P 386 RECOVERY DYNAMICS OF PHOTOSYSTEM II AFTER HEAT SHOCK IN THREE OAK SPECIES: IMPLICATIONS FOR CLIMATE-RESILIENT AFFORESTATION**, Alexandru DASCALIUC, Tudor RALEA, Tatiana CALUGĂRU-SPĂTARU
- P 387 EFFECTS OF DIURNAL WEATHER CONDITIONS ON THE FORAGING INTENSITY OF *Apis mellifera adansonii* IN A BUSH FALLOW APIARY, UMUDIKE, NIGERIA**, Anthony Ikechukwu ONYENSO, Daphne Onyinyechi CHUKWUEMEKA, Chinwenwa Precious NGWULI, Levi Ndubuisi ONYENWEAKU
- P 388 FOREST GOVERNANCE IN NIGERIA: EVALUATING THE REINTRODUCTION OF FOREST GUARDS AS A STRATEGY FOR SUSTAINABLE MANAGEMENT AND SECURITY**, Michael ADEDOTUN OKE
- P 389 AGROFORESTRY IMPROVES RURAL LIVELIHOODS IN HAZARA KHYBER PAKHTUNKHWA, PAKISTAN: ROLE OF SOCIO-ECONOMIC FACTORS**, Farhat BASIT, Yumna ALI

- P 390 MULBERRY AS A TOOL FOR WEED SUPPRESSION: COMBINING TRADITIONAL KNOWLEDGE WITH MODERN SCIENCE**, Hafeeza Amna SALEEM, Abdul Rehman NIAZI
- P 391 OCCURRENCE OF ENTOMOPATHOGENIC FUNGI IN SOILS FROM SELECTED HABITATS IN AN AGROFOREST SYSTEM**, Cezary TKACZUK, Anna MAJCHROWSKA-SAFARYAN, Paweł PERCINSKI
- P 392 INTEGRATED DIGITAL MONITORING OF STONE PINE (*Pinus pinea* L.) USING MULTISOURCE DATA FOR DECISION SUPPORT**, Francisco MARQUES, José P. LOUSADO, Dulcinea F. WESSEL, Hélder VIANA
- P 393 ANALYSIS OF SOME PHYSICAL-MECHANICAL PROPERTIES OF PINE WOOD ON DEGRADED LANDS FROM CURVATURE SUBCARPATHIANS, ROMANIA**, Ciprian TUDOR, Cristinel CONSTANDACHE, Laurențiu POPOVICI, Valentina AGA
- P 394 PRODUCTIVITY AT SKIDDING OPERATIONS – A CASE STUDY FROM ROMANIA**, Andreea-Elena RUSU, Ioan Aurelian MITROFAN, Diana Elena DUMITRU, Elena Camelia MUȘAT
- P 395 SHORT-ROTATION CROPS - A VIABLE ALTERNATIVE FOR BIOMASS: A SHORT REVIEW**, George MUȘAT, Emilia-Adela MANEA
- P 396 THE ROLE OF SALIX SPECIES IN IMPROVING DEGRADED LANDS A SHORT REVIEW**, George MUȘAT, Emilia-Adela MANEA
- P 397 DENDROCLIMATIC ANALYSIS OF INTRASPECIFIC DIVERSITY OF COMMON OAK IN UPLAND OAK GROVES OF THE CENTRAL FOREST-STEPPE**, Daria LITOVCHENKO, Sergey SHESHNITSAN, Boban MILETIĆ, Marko GUTALJ
- P 398 ECOLOGICAL-COENOLOGICAL CLASSIFICATION OF ACIDOPHILIC BEECH IN MT. VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 399 ECOLOGICAL-COENOLOGICAL CLASSIFICATION OF MOUNTAIN BEECH, HORNBEAM AND NOBLE BROADLEAVED TREES IN MT. VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 400 FOREST-BASED CLIMATE PROJECTS USING AGROFORESTRY: RATIONALE FOR PROJECT TYPES AND EFFECTS**, Yulia STEPANOVA, Alexander SHCHERBIN, Nikolay MAKARENKO, Polina DANSHINA
- P 401 COMPARATIVE ENVIRONMENT-FORMING ROLE OF CRIMEAN PINE AND HONEY LOCUST SHELTERBELTS: A PINE STAND IN DECLINE**, Ivan Sergeevich KOSTROMITIN, Anatoly Vasilyevich IVASHOV
- P 402 FOREST LAND RESOURCES FOR AGROFORESTRY CLIMATE PROJECTS IN THE CENTRAL FOREST STEPPE**, Svetlana MORKOVINA, Denis KUZNETSOV
- P 403 TYPOLOGICAL AFFILIATION AND CONDITION OF ARTIFICIALLY RAISED STANDS OF MAPLE AND NORWAY MAPLE IN A FOREST PROTECTION BELT, BELGRADE (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 404 TYPOLOGY AND CONDITION OF ARTIFICIALLY RAISED STAND OF MAPLE, NORWAY MAPLE AND ACACIA IN A FOREST PROTECTION BELT, BELGRADE (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 405 CARBON SEQUESTRATION POTENTIAL OF FOREST CLIMATE PROJECTS DEVELOPMENT IN THE CENTRAL REGION OF RUSSIA**, Svetlana MORKOVINA, Elena KOLESNICHENKO, Sergey SHESHNITSAN
- P 406 NATIVE AND NON-NATIVE TREE SPECIES IN URBAN GREEN SPACES: A CASE STUDY OF THE STOČNJAK RESIDENTIAL NEIGHBOURHOOD, OBRENOVAC**, Katarina MARINKOVIĆ, Suzana MITROVIĆ, Snežana STAJIĆ, Saša EREMIJA, Vanja STOJANOVIĆ, Nemanja LAZAREVIĆ, Marija MILOSAVLJEVIĆ
- P 407 TYPOLOGICAL AFFILIATION AND CONDITION OF ARTIFICIALLY RAISED STANDS OF PEDUNCULATE OAK IN M.U. "LIPOVICA", BELGRADE (SERBIA)**, Milan BIČANIN, Rajko MILOŠEVIĆ
- P 408 TYPOLOGICAL AFFILIATION AND CONDITION OF ARTIFICIALLY RAISED MAPLE STAND IN M.U. "LIPOVICA", BELGRADE (SERBIA)**, Milan BIČANIN, Rajko MILOŠEVIĆ

- P 409** **TYPOLOGICAL AFFILIATION AND CONDITION OF ARTIFICIALLY RAISED STANDS OF EASTERN WHITE PINE IN M.U. "LIPOVICA", BELGRADE (SERBIA)**, Milan BIČANIN, Rajko MILOŠEVIĆ
- P 410** **TYPOLOGICAL AFFILIATION AND CONDITION OF ARTIFICIALLY RAISED DOUGLAS FIR AND SCOTS PINE IN M.U. "LIPOVICA", BELGRADE (SERBIA)**, Milan BIČANIN, Rajko MILOŠEVIĆ
- P 411** **EFFICACY OF SOME INSECTICIDES FOR CONTROL OF SYCAMORE LACE BUG**, Milan DREKIĆ, Leopold POLJAKOVIĆ – PAJNIK, Marina MILOVIĆ, Katarina MLADENOVIĆ, Nikola PERENDIJA, Zoran NOVČIĆ
- P 412** **INTEGRATED REMOTE SENSING AND FIELD MONITORING FOR EARLY WARNING OF BEECH DEFOLIATORS: THE 2024 *RHYNCHAENUS FAGI* L. OUTBREAK IN SERBIA**, Miroslava MARKOVIĆ, Saša EREMIJA, Goran ČEŠLJAR, Zlatan RADULOVIĆ, Bojan KONATAR, Jelena BOŽOVIĆ, Vanja STOJANOVIĆ
- P 413** **RESEARCH ON THE PRESENCE OF BUGS (HEMIPTERA; HETEROPTERA) AND THEIR RELATIONSHIP WITH THE DENDROFLORA OF KAMENICKI PARK IN NOVI SAD**, Nikola PERENDIJA Milutin ĐILAS, Vladimir VIŠACKI, Martina ZORIĆ, Marko ILIĆ, Saša PEKEĆ, Milan DREKIĆ
- P 414** **VITALITY AND CHARACTERISTICS OF LINDEN TAXON ON CARA LAZARA BOULEVARD IN NOVI SAD**, Nikola PERENDIJA, Milutin ĐILAS, Vladimir VIŠACKI, Lazar KESIĆ, Erna VAŠTAG, Olivera KALOZI, Sara ĐORĐEVIĆ
- P 415** **THE FIRST DOCUMENTED RECORD OF THE JUNIPER SHIELD BUG *CYPHOTHETHUS TRISTRIATUS* (FABRICIUS, 1787), (HEMIPTERA: HETEROPTERA: ACANTHOSOMATIDAE) IN BOSNIA AND HERZEGOVINA**, Nikola PERENDIJA, Velisav KARAKLIĆ, Leopold POLJAKOVIĆ-PAJNIK, Peride DIOLI, Stefan BOJIC, Milan DREKIĆ, Aleksandra KONJEVIĆ
- P 416** **ECOLOGICAL-COENOLOGICAL CLASSIFICATION OF MOUNTAIN BEECH WITH NOBLE BROADLEAVED TREES IN MT. VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 417** **ECOLOGICAL-COENOLOGICAL CLASSIFICATION OF THE SUBALPINE BELT ON MT. VELIKI JASTREBAC (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 418** **TYPOLOGICAL AFFILIATION AND CONDITION OF ARTIFICIALLY RAISED STANDS OF NORWAY MAPLE IN A FOREST PROTECTION BELT, BELGRADE (SERBIA)**, Rajko MILOŠEVIĆ, Milan BIČANIN
- P 419** **APPLICATION OF SAGE ESSENTIAL OIL (*SALVIA OFFICINALIS*) IN THE CONTROL OF *DIAPORTHE ERES***, Aleksandar VEMIĆ, Sanja LAZIĆ, Aleksandar LUČIĆ, Jelena BOŽOVIĆ, Bojan KONATAR, Ljubinko RAKONJAC, Katarina MLADENOVIĆ
- P 420** **GROWTH PERFORMANCE OF 1/2 YEAR OLD BLACK POPLAR CLONES (SECTION *AIGEIOS DUBY*) IN A NURSERY TRIAL ON FLUVISOL**, Saša PEKEĆ, Branislav KOVAČEVIĆ, Verica VASIĆ, Martina ZORIĆ, Vladimir VIŠACKI, Nikola PERENDIJA, Saša ORLOVIĆ
- P 421** **SOIL BULK DENSITY IN PURE BEECH AND SCOTS PINE STANDS AND IN A MIXED BEECH-SCOTS PINE STAND ON MT. TORNIK (SERBIA)**, Saša PEKEĆ, Bratislav MATOVIĆ, Dejan B. STOJANOVIĆ, Nikola PERENDIJA, Martina ZORIĆ, Vladimir VIŠACKI, Saša ORLOVIĆ
- P 422** **MORPHOLOGICAL AND BIOCHEMICAL RESPONSES OF WHITE POPLAR (*POPULUS ALBA* L.) TO ZINC (Zn) IN *IN VITRO* CONDITIONS - BASIS FOR SELECTION OF TOLERANT CLONES**, Vanja VUKSANOVIĆ, Branislav KOVAČEVIĆ, Lazar PAVLOVIĆ, Martina ZORIĆ, Lazar KESIĆ, Branislav TRUDIĆ, Marko ILIĆ, Saša ORLOVIĆ
- P 423** **SITE-DRIVEN PHENOTYPIC PLASTICITY IN EUROPEAN BEECH AND SESSILE OAK ACROSS AN ALTITUDINAL GRADIENT**, Abdul RAZZAK, Gabriela JAMNICKA, Peter FLEISCHER JR, Daniel KURJAK
- P 424** **SILVOPASTURE SYSTEM COMMUNITIES' PERCEPTIONS, CHALLENGES AND FOOD SECURITY STATUS: CASES STUDIES IN MPUMALANGA AND EASTERN CAPE PROVINCES, SOUTH AFRICA**, Phokele MAPONYA

P 425 **ROLE OF URBAN FORESTRY IN THE PLANNING AND MANAGEMENT OF THE EUROPEAN UNION (EU) GREEN INFRASTRUCTURE,** Ignacio J. DIAZ-MAROTO

P 426 **SMOKE HURTS ANIMALS, TOO,** Halil Selçuk BİRİCİK

P 427 **CHEMICAL COMPOSITION AND NUTRITIONAL VALUE OF FORAGE RESOURCES IN GOAT-GRAZED HOLM OAK WOODLANDS,** Otávio FRANCÊ, Gelson DOS SANTOS DIFANTE, Lilian REGINA ROTHE MAYER, Davi MORAES DE OLIVEIRA, Leonardo PIFFER DE BORBA, Marina CASTRO

P 428 **URBAN FORESTRY STRATEGIES FOR REPURPOSING CAMPUS TERRAIN VAGUE: THE CASE OF DÜZCE UNIVERSITY CAMPUS,** Yaşar Selman Gültekin, Özcan AKIN

Side Event 1 (Hotel Vucko) - Great Hall

Exhibition of local handicrafts and traditional and typical products

Tuesday and Wednesday, 6 - 7th of October 2026
Hotel Vucko – Great conference hall (09:00 - 19:00)



Friday, October 9th, 2026
Conference Hall A (Hotel Vucko)

08:30 - 09:00

- Final discussion and conclusions - Closing Ceremony