



Kazakh National Agrarian Research University

PROGRAM

V International Agritechnological Summit
«INNOVATIVE DEVELOPMENT OF THE
AGRO-INDUSTRIAL COMPLEX IN THE
CONTEXT OF ECONOMIC GLOBALIZATION»
dedicated to 90th anniversary of
Kazakh National Agrarian Research University

Almaty 2020

December 3-4



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«INNOVATIVE DEVELOPMENT OF THE AGRO-INDUSTRIAL COMPLEX IN THE CONTEXT OF ECONOMIC GLOBALIZATION»

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Almaty city, Abay Avenue, 8

December 3-4, 2020

NJSC “Kazakh National Agrarian Research University”

Format of AgriTech Summit: **Online, ZOOM platform**

Working languages: **Kazakh, Russian, English**

DECEMBER 3, 2020

PLENARY MEETING

14.00-17.00	Congratulations of Kazakh National Agrarian Research University on the 90th anniversary of its Foundation
14.00-15.00	MODERATOR: Tlektes Yespolov - Chairman of the Board – Rector, Vice-President of the National Academy of Sciences, Academician
	OPENING OF THE PLENARY SESSION Research University-the path to global leadership Tlektes Yespolov - Chairman of the Board – Rector, Vice-President of the National Academy of Sciences, Academician
	A VIDEO ABOUT THE HISTORY OF THE UNIVERSITY
	WELCOME SPEECHES:
	Saparkhan Omarov - Minister of Agriculture of the Republic of Kazakhstan
	Askhat Aimagambetov - Minister of Education and Science of the Republic of Kazakhstan
	Murat Zhurinov - President of the National Academy of Sciences of the Republic of Kazakhstan
	Ali Bektayev - Chairman of the Committee on Agrarian Issues, Nature Management and Rural Development of the Senate of the Parliament of the Republic of Kazakhstan
	Berik Ospanov - Chairman of the Committee on Agrarian Issues of the Mazhilis of the Parliament of the Republic of Kazakhstan



	<p>Olzhas Suleimenov – a public and political figure, people's writer, Hero of Labor of Kazakhstan, Director Of the International Center for the Rapprochement of Cultures under the Auspices of UNESCO</p>
	<p>Sergey Tereshchenko - Head of the National Union of Kazakhstan "Bal-Ara", a former Prime Minister of the Republic of Kazakhstan</p>
	<p>Temirkhan Dosmukhambetov - President of AgriHolding LLP “Bayserke Agro”</p>
	<p>Galimkair Mutanov – Rector of the Al-Farabi Kazakh National University</p>
	<p>Yerlan Sydykov -Rector of Gumilyov Eurasian National University, Chairman of the Council of Rectors of Higher Education Institutions of the Republic of Kazakhstan</p>
15.00-17.00	<p><i>A VIDEO CLIP ABOUT INNOVATIVE DEVELOPMENT OF THE UNIVERSITY</i></p>
	<p>Andre Carstens - Ambassador Extraordinary and Plenipotentiary of the Kingdom of the Netherlands to Kazakhstan</p>
	<p>Eric Mayer - Consul General of the USA Embassy and Consulate in Kazakhstan</p>
	<p>Kim Hyung-Soo - Consul General of the Consulate General of the Republic of Korea</p>
	<p>Mohameda Weiss Payab - Consul General of the Consulate General of the Islamic Republic of Afghanistan</p>
	<p>Dr. Jose A. Zaglul - President of the Global Consortium of Higher Education and Research for Agriculture GCHERA, Costa Rica</p>
	<p>Michael Murphy - President of the Association of European Universities, Switzerland</p>
	<p>Riri Fitri Sari - President of International Rating GreenMetric World University Ranking, Malaysia</p>
	<p>Francesco Ubertini - President Of The Magna Charta Of Universities, Italy</p>
	<p>Arthur Moll - President of the Association of European Universities of Natural Sciences, the Netherlands</p>
	<p>Wolf-Dieter Rausch - President of the Association "Eurasia-Pacific Uninet" of the Ministry of Science and Research of Austria</p>



Luiz Claudio Costa - President of the Observatory on Academic Rankings and Excellence IREG, Belgium
Guven Kasikchi – President VETISTANBUL Groups, Turkey
Peter Bielik – President of the Association of the Universities of Prague, Slovakia
Sungwon Hwang – Secretary General of the Network of Universities of the Silk Road, the Republic of Korea
Artavazd Akopyan - Representative of the World Bank
Nariman Manappbekov - Director of the ADB representative office in the Republic of Kazakhstan
Thomas Selluchi - Director of the company BraveTech, USA
Oleg Utkin - managing Director of Web of Science Group – “Clarivate”
Philippe Shouque - President of the Polytechnic University of UniLaSalle, France
Peter Stoycheff - President of the University of Saskatchewan, Canada
Nagahiro Minako - Rector of Kyoto University, Japan
Yukka Menkonen – Rector of the University of Eastern Finland
Zhao Hu - Rector of Nanjing Technical University, China
Hristina Yancheva - Rector Of Plovdiv Agricultural University, Bulgaria
Claudia Halashova – Rector of the Slovak Agricultural University in Nitra, Slovakia
Peter Sotony – Rector of the University of Veterinary Medicine, Hungary
Ahmad Razi – Rector Of The University Of Gilan, Iran
Danuse Nerudova - Rector Of Mendel University, Czech Republic
Jeroen Oburg – an international foreign policy adviser at the Wageningen Research University, the Netherlands
Nikolai Petrovsky - Director of the Center for Endocrinology, Professor of Medicine at Flinders University, Australia
Rafis Abazov - Honorary founding Director of the Institute for Sustainable Development named after Ban Ki-moon, a Professor at Columbia University, USA



Rolf Peter - Director of the project Vocational Education in Central Asia, Germany
Sjaak Walraven - Director of DFSK, the Netherlands
Yous Aniza - Director of the Halal Institute of Putra University, Malaysia
<i>A VIDEO ABOUT THE ACHIEVEMENTS OF YOUNG SCIENTISTS</i>
Vladimir Trukhachev - Rector Of the Russian State Agrarian University – Timiryazev Moscow Agricultural Academy, Russia
Sergey Volkov - Rector of the Russian State University for Land Management, Deputy Chairman of the Council of Rectors of Leading Agricultural Universities of the CIS, Russia
Antanas Maziliauskas - Chancellor of Agriculture Academy, Vytautas Magnus University, Lithuania
Uktam Umurzakov - Rector of the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, Chairman of the Consortium of Agricultural Universities of Central Asia and the South Caucasus, CASCADE, Uzbekistan
Ibrahim Jafarov - Rector of Azerbaijan State Agrarian University, Azerbaijan
Yerlan Baydaulet – Director General of the Islamic Organization for Food Security
Zhiguli Darabaev – Chairman of the Board of the NGO “Association of Farmers of Kazakhstan”
Kairat Aituganov - Chairman of the Board - Rector of NJSC “Kazakh Agrotechnical University named after S. Seifullin”
Askar Nametov - Chairman of the Board-Rector of NJSC “West Kazakhstan Agrotechnical University named after Zhangir Khan”



DECEMBER 4, 2020

	PANEL SESSION 1
9.00 – 16.00	MODERN TRENDS OF CROP, SOIL AND ECOLOGY IN EDUCATION, SCIENCE AND PRODUCTION
	MODERATORS: Kairat Urazaliev , <i>Candidate of Biological Sciences, Head of the Department of Genetics, Breeding and Biotechnology, KazNARU, Kazakhstan</i> Maira Kussainova , <i>Candidate of Agricultural Sciences, Head of the Center for Sustainable Agriculture of KazNARU, Kazakhstan</i>
	SPEAKERS:
09.00	A New Quantitative Measure of Macro Microeconomics-Ecological Systems <i>Jiquan Chen, Ph.D., Professor, Michigan State University, Laboratory of Landscape Ecology and Ecosystem Sciences (LEES), Center for Global Change and Earth Observations (CGCEO) and the Department of Geography, Environment, and Spatial Sciences, USA</i>
09.15	Net primary productivity (NPP) / Evapotranspiration (ET) trends in Almaty, Aktobe, Kyzyl Orda provinces <i>Ranjeet John, PhD, Assistant Professor, Department of Biology University of South Dakota, USA</i>
09.30	Solving problems in agriculture <i>Mohammed Babadoust, PhD., Professor, University of Illinois Urban-Champaign, USA</i>
09.45	Satellite Tracking of Behavior Pattern of Livestock's and Livestock Food Resources in Kazakh Dry Steppe <i>Buho Hoshino, Dr. Professor, Head of the Laboratory. Remote Sensing Environment, Department of Environment, College of Agriculture, Food and Environmental Sciences, Rakuno Gakuen University, Japan</i>
10.00	The current state of soil resources of the Republic of Kazakhstan problems and solutions <i>Suleimenov Beibut Ualikhanovich, Dr., Academician of the National Academy of NAS RK, Acting Chairman of the Board of Kazakh Research Institute of soil science and agro chemistry named after Uspanov LLP, Kazakhstan</i>



10.15	Genetic resources and plant breeding in Kazakhstan <i>Urozaliev Rakhim Almabekovich, Doctor of Biological Sciences, Academician of the National Academy of NAS RK, Head of the Department of Grain Crops, Kazakhstan</i>
10.30	Breeding of potatoes and vegetables and melons in the Republic of Kazakhstan <i>Aitbaev Temirzhan Yerkasovich, Dr., Academician of the National Academy of NAS RK, Head of the Department of Vegetable and Vegetable Growing and Walnut Breeding, Kazakhstan</i>
10.45	Geographic information map of degraded pastures in Kazakhstan and measures for their management <i>Abdrakhmanov Ilyas Bakhytzhonovich, MSc, Agritech HUB KazNARU</i>
11.00	Influence of no tillage system on the number of birds during the reproductive period <i>Malovichko Lyubov Vasilievna, Dr., Professor of the Department of Zoology, Russian State Agrarian University, Moscow Agricultural Academy K.A. Timiryazeva, Moscow, Russia</i>
11.15	Modern problems of industrial animal husbandry waste management <i>Titova Vera Ivanovna, Dr., Nizhny Novgorod State Agricultural Academy, Nizhny Novgorod, Russia</i>
11.30	Soil health and organic matter <i>Masyutenko Nina Petrovna, Dr., Professor, Deputy Director of the FSBSI "Kursk FANTS" Kursk, Russia</i>
11.45	Actual problems of scientific support of Agriculture in Western Siberia <i>Boyko Vasily Sergeevich, Deputy Director of the Federal State-Budgetary Scientific Institution "Omsk Agrarian Scientific Center" (FGBNU "Omsk ANC"), Russia</i>
12.00	Monitoring and innovative technologies for agricultural cultivation of crops under global climate change <i>Filipova Margarita Vasileva, PhD, Associate Professor of the Angel Kynchev University of Ruse, Ruse, Bulgaria</i>
12.15	Conservation and Sustainable Use of Plant Genetic Resources for Food and Agriculture in Bulgaria <i>Nikolay Velcheva, Researcher in the field of conservation and use of plant genetic resources at the Institute of Plant Genetic Resources "K. Malkov", Zlatina Ur, Head of Breeding and Seed Production at the Institute of Plant Genetic Resources, Bulgaria</i>



12.30	Product safety when using pesticides <i>Bozheno Lozowicka, Ph.D., Associate Professor, Institute of Plant Protection, Poland</i>
12.45	The use of biotechnological systems for the practical development of horticulture and the agricultural market <i>Rina Kamenetski, Professor, Institute of Crop Production, Volkani Center, Israel</i>
13.00	Soil grading in Zaporizhzhya region in the modern assessment of land resources <i>Datsenko Lyudmila Nikolaevna, Professor, Department of Geoecology and Land Management, Tavrichesky State Agrotechnological University named after Dmitry Motorny, Ukraine</i>
13.15	Optical-mechanical systems in the study of dynamic media <i>Movchan Sergey Ivanovich, Professor, Department of Geoecology and Land Management, Tavrichesk State Agrotechnological University named after Dmitry Motorny, Ukraine</i>
13.30	Academic activities and agribusiness. How to create your own company and conduct scientific activities <i>Ridvan Kizilkaya, Ph.D., Professor, Ondokuz Mayıs University, Faculty of Agriculture, Department of Soil Science and Plant Nutrition, Turkey</i>
13.45	Modern approaches for identification and detection of nematodes <i>Khalil Toktay, Ph.D., Associate Professor, Omer Halizdemir University, Turkey</i>
14.00	Development of a demonstration site project between Dutch Fruit Solutions Kazakhstan and Kazakh National Agrarian Research University for the next 3 years <i>Sschak Walraven, Chairman, Dutch Fruit Solutions Kazakhstan (DFSK), Kingdom of the Netherlands</i>
14.15	Scientific basis for the study of forage crops at the Institute of Field Cultivation and Vegetable Growing, Novi Sad <i>Jura Karagic, PhD, Head of the Fodder Production Department, Institute of Field Cultivation and Vegetable Cultivation, Novi Sad, Serbia</i>
14.30	Current state and prospects of using wheat genetic resources <i>Morgunov Alexey Ivanovich, PhD, Professor, University of Washington, USA</i>



14.45	<p>Sustainable agricultural land management in Eurasian drylands - Research and education measures to prevent soil degradation</p> <p><i>Gerd Schmidt, PhD, Professor, Institute of Geosciences and Geography, Martin Luther University Halle-Wittenberg (MLU), Germany</i></p>
15.00	<p>Modern biotechnology in plant breeding</p> <p><i>Jens Wein, President Haploplant, Germany</i></p>
15.30	SUMMING UP THE PANEL SESSION
	PANEL SESSION 2
10.00–16.30	STATE AND PROSPECTS OF DEVELOPMENT OF INNOVATIVE TECHNOLOGIES AND TECHNICAL EQUIPMENT IN AIC
	<p>MODERATOR:</p> <p>Gulmira Skabaeva, <i>Candidate of Pedagogical Sciences., Associate Professor, Head of the Department of Professional education KazNARU, Kazakhstan</i></p> <p>Kanat Khazimov, <i>PhD., Associate Professor, KazNARU, Kazakhstan</i></p>
	SPEAKERS:
10.00	<p>State and prospects of technical support for agriculture in Kazakhstan</p> <p><i>Adilsheev Anuarbek Suinbekovich, Deputy Chairman of the Board of the Scientific Production Center of Agricultural Engineering, LTD, Republic of Kazakhstan</i></p>
10.15	<p>Competence model of future specialist</p> <p><i>Magauova Akmaral Sabitullaevna, professor of Al-Farabi Kazakh National University, Kazakhstan</i></p>
10.30	<p>Training of specialists for the agro-industrial complex in the Kyrgyz Republic</p> <p><i>Sadyrova Gulzat, Professor of the Kyrgyz National Agrarian University named after K.I.Skryabin, Kyrgyz Republic</i></p>
10.45	<p>Food Security Issues and Policy Implications in Developing Economies</p> <p><i>Mad Nasir Shamsudin, Professor, Universiti Putra Malaysia, Malaysia</i></p>



11.00	Economic efficiency of optimized conductometer for determining soil and water salinity levels <i>Sapaev Ibrokhim, PhD, Professor, Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, Republic of Uzbekistan</i>
11.15	Light trap for monitoring of agricultural insects pests g based on semiconductor materials <i>Sapaev Bayramdurdy, Doctor of Physical and Mathematical Sciences, Professor, Tashkent State Agrarian University, Republic of Uzbekistan</i>
11.30	About one inverse problem of moisture movement <i>Ablabekov Baktybai, Doctor of Physical and Mathematical Sciences, Professor, Ablabekova A. Postgraduate student of the Department of Applied Mathematics, Informatics and Computer Technologies, Kyrgyz State Technical University named after I.Razzakov, Kyrgyz Republic</i>
11.45	Innovative mechanisms for organizing of transportation and technological services in the agro-industrial complex <i>Lytkina Larisa Igorevna, Professor, Voronezh State University of Engineering Technologies, Russian Federation</i>
12.00	Modern technologies and crop protection machinery <i>Kruk Igor Stepanovich, Vice-Rector for Research Work, Director of Scientific Research Institute of Mechanization and Electrification of Agriculture, Belarusian State Agrarian Technical University, Republic of Belarus</i>
12.15	Zonal machine systems: requirements, content, development methods and ways of their development (on the example of the Republic of Belarus) <i>Chebotarev Valery Petrovich, Head of the Department of Agricultural Machines, Belarusian State Agrarian Technical University, Republic of Belarus</i>
12.30	Optimization of the design parameters of the grain extruder with variable pitch <i>Chaplygin Mikhail Evgenievich, Candidate of Engineering Sciences, Senior Research Scientist, Zagoruiko Mikhail Gennadievich, Candidate of Engineering Sciences, Senior Research Scientist, Federal State Budgetary Scientific Institution "Federal Scientific Agroengineering Center VIM", Russian Federation</i>



12.45	Perspective ways of development of mechanical engineering (experience of Bulgaria) <i>Dimitar Karaivanov, Professor, University of Chemical Technology and Metallurgy, Bulgaria</i>
13.00	Aggregation of Belarusian mobile energy equipment with foreign mounted machines <i>Popov Viktor Borisovich, Head of the Department of Agricultural Machines, Sukhoi State Technical University of Gomel, Republic of Belarus</i>
13.15	Energy saving in agriculture in protected ground <i>Boris Boardman, Head of the "Agro Mechanization and Technologies" Company, Israel</i>
13.30	The use of information technology and artificial intelligence in precision agriculture <i>Daskalov Plamen Ivanov, Vice-Rector of "Angel Kanchev" University of Ruse, Bulgaria</i>
13.45	Sterilizer and disinfection equipment for agriculture and animal husbandry <i>Li Jinggang, Deputy Chairman of the Management Board of "Beijing Fengluen Science Company" LLC, China</i>
14.00	Modern technology of LOVOL corporation in the CIS <i>Sun Deming, CEO of Lovol Heavy Industry Co., Ltd., China</i>
14.15	State and prospects of technical and technological support for grain harvesting in Siberia <i>Tikhonovskiy Vitaly Vladimirovich, Professor, Tikhonovskaya Ksenia Vladimirovna, Postgraduate student, Novosibirsk State Agrarian University, Russian Federation</i>
14.30	Prospects for the introduction of robotic milking systems in agricultural enterprises <i>Didenko Alexander Alexandrovich, Associate Professor, Novosibirsk State Agrarian University, Russian Federation</i>
14.45	Modern logistics systems and their features in the conditions of the Republic of Kazakhstan <i>Dietrich Test, Doctor of Technical Sciences, Professor, Germany</i>
15.00	The Roadmap from Precision to Smart Agriculture and innovations with Digital Technology <i>Nick Sigrimis, Professor, Agricultural University of Athens, Greece</i>



15.15	Economic efficiency of manufacturing of electric heaters operating at 1700 ° C <i>Kamanov Bekzod, Assistant, Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, Republic of Uzbekistan</i>
15.30	Advanced experiences in the use of innovative technologies and technical means in the conditions of agricultural production (experience of "Amiran-Agro" LLP) <i>Abzhapparov Zhankeldi Musulmanbekovich, Director of Amiran-Agro LLP, Republic of Kazakhstan</i>
15.45	SUMMING UP THE PANEL SESSION
	PANEL SESSION 3
09.00–15.30	INNOVATIONS IN VETERINARY MEDICINE TO ENSURE FOOD AND BIOLOGICAL SAFETY
	MODERATORS: <i>Zhumagul Kirkimbayeva, Dean of the Faculty of Veterinary KazNARU, Kazakhstan</i> <i>Abzal Abdramanov, Head of International Rating Department of Kazakh National Agrarian Research University, Kazakhstan</i>
	SPEAKERS:
09.00	Scientific provision of veterinary welfare of animal husbandry in "Baiserke-Agro" LLP <i>Nikolay Ivanov, Academician of the National Academy of Sciences of Kazakhstan, Professor of Biological Safety Department, KazNARU, Kazakhstan</i>
09.15	New platform for COVID-19 vaccine delivery and detection of protective immunity in the respiratory tract <i>Gourapura, Renukaradhya, Professor, Ohio State University, USA.</i>
09.30	Veterinary Services in China <i>Zhang Jiyu, PhD, Professor, Vice-Director, Lanzhou Institute of Animal Husbandry and Veterinary Pharmaceutical, Chinese Academy of Agricultural Sciences (CAAS), PRC</i>
09.45	Animal schistosomiasis and controlling measures <i>Jalol Azimov, Doctor of Biological Sciences, Professor, Institute of Zoology, Academician of the Academy of Sciences of the Republic of Uzbekistan</i>



10.00	Goat Pleuropneumonia <i>Mulozhon Amirbekov, Head of Virology Laboratory, Research Institute of Biological Safety of Tajikistan, Tajikistan</i>
10.15	The modern methods of diagnosing animal sarcocystosis <i>Batzetseg Gonchigoo, PhD, Professor, leading researcher of the Institute of Veterinary Medicine, State Agricultural University of Mongolia</i>
10.30	Hepatitis E in humans and animals <i>Petr Krasochko, Doctor of Science, Professor, Head of the Department of Vitebsk Academy of Veterinary Medicine, Belarus</i>
10.45	Role of international organizations in harmonizing legislation on animal health, food safety and veterinary education <i>Dmitry Morozov, Ph.D., Associate Professor, National Coordinator of FAO/IAEA/EU technical assistance projects in Belarus</i>
11.00	Problems of emergent infectious animal diseases in the context of the "One Health" concept implementation <i>Boris Stegnyy, Doctor of Science, Professor, Academician of the National Academy of Sciences of Ukraine, Director of the National Scientific Center "Institute of Experimental and Clinical Veterinary Medicine", Ukraine</i>
11.15	Increasing the level of colostral immunity in calves <i>Sergey Golopura, Candidate of Medical Sciences, Associate Professor of Therapy and Clinical Diagnostics Department, National University of Bioresources and Nature Management of Ukraine, Ukraine</i>
11.30	Prospects of using genomic selection for forecasting dairy productivity <i>Valery Terletsy, Doctor of Biological Sciences, Professor, Chief Researcher, All-Russian Research Institute of Genetics and Farm Animal Breeding, Russia</i>
11.45	Training of competitive veterinary specialists for agrarian sector of economy <i>Anatoly Stekolnikov, Ph.D., Academician of the Russian Academy of Sciences, Rector of the St. Petersburg State Academy of Veterinary Medicine, Russia</i>
12.00	Identification of the thermal condition of the meat <i>Diana Orlova, Candidate of Biological Sciences, Associate Professor of the Department of Veterinary and Sanitary Expertise at St. Petersburg State University of Veterinary Medicine, Russia</i>



12.15	Risks of particularly dangerous (delimited) animal diseases <i>Nikolay Donchenko, PhD, Professor, General Director of the Institute of Experimental Veterinary Medicine of Siberia and the Far East, Russian Agricultural Academy, Russia</i>
12.30	Global threat: resistance to antibiotics in farm animals and food products <i>Ali Aydin, PhD, professor, Istanbul University Cerrahpasa, Turkey</i>
12.45	Biosafety at the broiler poultry farm <i>Ionica Iancu, PhD, Doctor of Veterinary Medicine, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania", Timisoara Romania</i>
13.00	Infection of the foals caused by Rhodococcus equi <i>Osman Erganis, PhD, Professor at Selcuk University, Turkey</i>
13.15	Veterinary safety and quality of animal products (cattle) in ketosis <i>Jan Michinski, PhD, Associate Professor at the University of Warmia and Mazury in Olsztyn, Poland.</i>
13.30	Current international rules governing safe trade in agricultural animals <i>Durrani Anila Zamir, PhD, Professor of Veterinary Medicine, University of Veterinary and Zoology, Lahore, Pakistan</i>
13.45	The role of selenium deficiency in ruminants <i>Sobieh Przemslaw, PhD, Professor at the University of Warmia and Mazury in Olsztyn, Poland</i>
14.00	Stuck on Cattle Dystocia <i>Mark WH Hiew, PhD Department of Veterinary Clinical Studies, Faculty of Veterinary Medicine, Universiti Putra Malaysia</i>
14.15	Laboratory Biosafety, Biosecurity, and Working Rules in Safe Laboratories <i>Serkan Ikiz, PhD, professor, Faculty of Veterinary Medicine, Department of Microbiology and virology, Istanbul University-Cerrahpasa</i>
14.30	Issues of Cancer Pathology of Small Animals <i>SvetlanaIshenbaeva, Candidate of Veterinary Sciences, Associate Professor at the Kyrgyz National Agrarian University named after Skryabin</i>



14.45	Development of a Novel Vaccine for the Control of Foot and Mouth Disease (FMD) <i>Yanmin Li, PhD, Professor, The college of Animal Husbandry and Veterinary Medicine, The Southwest Minzu University, Chengdu, P. R. China</i>
15.00	SUMMARY OF THE PANEL SESSION
	PANEL SESSION 4
10.00-16.00	SUSTAINABLE DEVELOPMENT, SUSTAINABLE USE OF LAND AND FOREST RESOURCES
	MODERATORS: Kuanysh Zholamanov , candidate of agricultural sciences, professor, Head of the Department of Land Resources and Cadastre KazNARU, Kazakhstan Yulia Borisova , Doctor of PhD, associate professor, KazNARU, Kazakhstan
	SPEAKERS:
10.00	Biotechnological breeding of Pavlovnia for breeding forests in Kazakhstan <i>Chuling Kim, Director, Agroforest-DASAN inc., South Korea</i>
10.15	Impact of forest plantations on biodiversity in Northern Mongolia <i>Sukhbaatar Gerelbaatar, professor, National University, Mongolia</i>
10.30	The role of international cooperation in science, technology and capacity-building for forest rehabilitation in drylands <i>Bathuu Nyam-Osor, professor, National University, Mongolia</i>
10.45	Improvement of technology for growing black saxaul crops in the desert zones of Kazakhstan <i>Ruslan S. Akhmetov, Director of Almaty branch of LLP "KazSRIFE named of A.N. Bukeikhanova", Kazakhstan</i>
11.00	Protection of trees and shrubs from pests and diseases <i>Igor Kim, Landscape School "Royal Gardener"</i>
11.15	Use of unmanned aerial vehicles in agriculture <i>Sergey Krytsky, Director of LLP "Geoscan Kazakhstan", Kazakhstan</i>



11.30	The role of positive selection in the management of forest resources <i>Natalia N. Besschetnova, professor, NizhnyNovgorod State Agricultural Academy, Russia</i>
11.45	The role of forest microfragments in the conservation of bird diversity <i>Lyubov V. Malovichko, professor, Russian State Agrarian University - Moscow Agricultural Academy named of K.A. Timiryazev, Russia</i>
12.00	Multifunctional use of wood plantations <i>Blas Mola Judego, professor, University of Eastern Finland, Finland</i>
12.15	Using the concept of internet things in land and natural resources management system <i>Vasily I. Nilipovsky, professor, Vice-Rector for international affairs State University for Land Us Planning, Russia</i>
12.30	Digital land us planning in Agro-Industrial Complex: problems and solutions <i>Timur V. Papaskiri, Dean of the faculty of Land us planning State University for Land Us Planning, Russia</i>
12.45	Impact of ownership on forest productivity and sustainability in Salla Mountain National Park, Northern Finland <i>Juokslahti Tapio, professor, Helsinki University, Finland</i>
13.00	Salla is a mountain national park, part of the green belt reserves in Fennoscandia. <i>Vesa Vaataga, Private forest investor, Salla Mountain National Park, Finland</i>
13.15	Modern land us planning and use of land resources in the Republic of Belarus <i>Andrey V. Kolmykov, professor, First vice-rector, EI "Belarusian State Agricultural Academy", Belarus</i>
13.30	Analysis of digitalization of land us planning in the Republic of Belarus and neighboring countries <i>Olga N. Pisetskaya, Dean of the Land us planning Faculty, EI "Belarusian State Agricultural Academy", Belarus</i>



13.45	Features of the implementation of intra-farm land use planning in the context of the introduction of precision farming in the Republic of Belarus <i>Tamara N. Myslyva, professor,</i> <i>Olesya A. Kutsayeva, senior teacher EI "Belarusian State Agricultural Academy", Belarus</i>
14.00	Modern methods of assessing the sanitary condition of green spaces <i>Alberto Minelli, professor at the University of Bologna, Italy</i>
14.15	Restoration of forest landscapes, sustainable use of biomass and impact on food production in Central Asia <i>Niels Teus, Coordinator of the Central Asia programme of the World Agroforestry Centre, Germany</i>
14.30	Territories of advanced development for agro-industrial complex <i>Ekaterina P. Ananicheva, associate professor, Deputy Dean of the Land use planning Faculty State University for Land Use Planning, Russia</i>
14.45	Sustainable development of forest resources in the Czech Republic <i>Vilem Podrazsky, professor at the Czech University of Natural Sciences, Czech Republic</i>
15.00	Formation and cadastral registration of zones with special conditions for the use of territories <i>Marina A. Smirnova, associate professor, Dean of the faculty of real estate cadastre,</i> <i>Natalia P. Rouleva, associate professor, Deputy Dean of the faculty of real estate cadastre, State University for Land Use Planning, Russia</i>
15.15	Soil bonitization of Zaporizhia region in the modern assessment of land resources <i>Lyudmila N. Datsenko, professor, Tauride State Agrotechnological University named of D. Motorny, Ukraine</i>
15.30	SUMMING UP THE PANEL SESSION



PANEL SESSION 5	
09.00–15.00	KNOWLEDGE-INTENSIVE LIVESTOCK TECHNOLOGIES AS A FACTOR OF SUSTAINABLE DEVELOPMENT OF THE INDUSTRY
	MODERATORS: Zhanat Iskakova , Candidate of Agricultural Sciences, Associate Professor, Deputy Director of the Institute for Work with the University of Wageningen, KazNARU, Kazakhstan Kairat Dosybaev , PhD, researcher, laboratory of genetics and cytogenetics, "Institute of General Genetics and Cytology", Kazakhstan
	SPEAKERS:
09.00	Phylogenetic analysis of camel mitochondrial DNA sequences <i>Saitou Naruya, Professor, Population Genetics Laboratory, National Institute of Genetics, Japan</i>
09.15	Innovative and effective solutions in the poultry industry <i>Seo Ki Kim, Professor, Honkuk University, South Korea</i>
09.30	Scientific research, innovation development and production of Halal products <i>YUS Aniza Yusof Cheng Micheme, Professor, Deputy Director, Halal Research Institute, Malaysia</i>
09.45	The Role of Scientists in Solving Food Problems Among Malaysian Small and Medium Enterprises <i>Farah Selena Taip, Head of Process and Food Engineering Department, Faculty of Engineering Science, Professor, Malaysia</i>
10.00	Implementation of a high-performance technology for growing tilapia fish in Kazakhstan <i>Adakbek Karzhan, Professor, Xinjiang Research Institute of Fisheries, China</i>
10.15	New innovative methods of artificial insemination of farm animals <i>Uralkuz Cazanul, doctor of agricultural Sciences, Professor of the University ShyHS, China</i>
10.30	Scientific support of animal husbandry in the Republic of Tuva <i>Dongak Maria Ivanovna, Associate Professor, Dean of the Agricultural Faculty of Tuva State University, Russia</i>



10.45	Innovative milking systems for dairy farming <i>Stefan Victor Viktorovich, General Director of company LLP "Delaval", Representative office of the company in Almaty, Sweden</i>
11.00	Prospects for the use of advanced technologies of genetics in dairy farming <i>Akhmatov Khisa Ismailovich, director of DC TURUS - distributor of WWSIRES / STGenetics, USA</i>
11.15	Innovative achievements in the development of cattle breeding and sheep breeding in the URPC "Bayserke-Agro" <i>Sadykulov Toleukhan Sadykulovich, Academician of the National Academy of Sciences of the Republic of Kazakhstan, Honored Scientist of the Kazakh SSR, Laureate of the State Prize of the Republic of Kazakhstan in the field of science and technology named after al-Farabi, Kazakhstan</i>
11.30	Scientific support for the preservation of the gene pool and the development of dairy cattle breeding <i>Karymsakov Talgat Nikolaevich, Candidate of Agricultural Sciences, Deputy General Director of the Kazakh Research Institute of Livestock and Feed Production, Kazakhstan</i>
11.45	Aspects of scientific support of animal husbandry in Kyrgyzstan <i>Turdybaev Taalaibek Jeenbekovich, Doctor of Agricultural Sciences, Director of the Kyrgyz Research Institute of Livestock and Pastures, Kyrgyzstan</i>
12.00	High-tech animal husbandry technologies in Tajikistan <i>Rakhimov Sharof Tokhirovich, Doctor of Agricultural Sciences, Professor of the Tajik State Agrarian University Professor, Tajikistan</i>
12.15	The state of desert pasture animal husbandry in Uzbekistan <i>Bobokulov Nasiolla Asadovich, Doctor of Agricultural Sciences, Professor, Director of the Uzbek Research Institute of Karakul Breeding and Desert Ecology, Uzbekistan</i>
12.30	Digital technologies for the development of animal husbandry and feed production <i>Nam Irina Yanovna, Coordinator, Secretary of the Eurasian Agricultural Technology Platform, Russia</i>



12.45	High-tech animal husbandry technologies in the Russian Federation <i>Yuldashbaev Yusupzhan Artykovich, Academician of the Russian Academy of Sciences, Dean of the Faculty of Animal Science and Biology, Timiryazev Russian State Agricultural University-TSKhA, Russia</i>
13.00	Ingredients for feeding dairy cattle <i>Schobel Paul, Director of ARS, Austria</i>
13.15	Modern trends in the development of industrial fish farming <i>Joseph Peckley, University professor. im St. Stephen, Hungary</i>
13.30	Modern directions of using the model object <i>Danio rerio</i> in the research and educational process <i>Barulin Nikolai Valerievich, Head of the Department of Ichthyology and Fish Farming of the Belarusian State Agricultural Academy, Candidate of Agricultural Sciences, Doctor PhD, Professor, Belarus</i>
13.45	Role of Peat & Sapropel concentrate in improving food safety <i>Sergey Tsukanov, PhD, Corresponding Member of the Engineering Academy of Ukraine, Vice President of the European Agrophysical Institute, Ukraine</i>
14.00	Modern breeding of farm animals <i>Milan Petrovic, Deputy Director for Science of the Institute of Animal Husbandry of Serbia, Serbia</i>
14.15	SUMMING UP THE PANEL SESSION



PANEL SESSION 6	
12.00–17.30	GLOBAL ECONOMIC TRANSFORMATION IS A CHALLENGE TO INNOVATIVE SOLUTIONS AND PROSPECTS FOR THE DEVELOPMENT OF ECONOMIC AND LEGAL ISSUES IN THE AGRO-INDUSTRIAL COMPLEX
	<p>MODERATORS:</p> <p>Yesbol Omirzhanov, <i>candidate of sciences in Jurisprudence, professor of the department “Law”, Director of International Cooperation Department, KazNARU, Kazakhstan</i></p> <p>Saule Yesengazieva, <i>Associate Professor, Head of Department of Management and Organization of Agribusiness KazNARU, Kazakhstan</i></p>
	SPEAKERS:
12.00	<p>Organizing research and educational process in the field of agriculture: mitigating the impact of COVID19</p> <p><i>Rafis Abazov, PhD.Honorable founding director of Ban Ki-Moon Institute for Sustainability and Model UN New Silk Way.</i></p>
12.15	<p>Problems and prospects of ensuring the country's food security</p> <p><i>Popov Alexey Yurievich, associate professor, PhD in Agriculture., acting Rector of the Voronezh State Agrarian University named after Emperor Peter the Great I, Russia</i></p>
12.30	<p>Development of the agro-industrial complex of Kazakhstan: challenges and solutions</p> <p><i>Akimbekova Galiya Uysimbekovna, doctor of economic sciences, professor, Director of Kazakh research Institute of agricultural Economics and rural development, Kazakhstan</i></p>
12.45	<p>Place of Kazakhstan Republic in ensuring food security of the country and the world</p> <p><i>Nazmedinov Kayrat Baltabayevich, the acting head of the insurance office at FAO in Kazakhstan (UN), Kazakhstan</i></p>
13.00	<p>SAGRIS - Enhancement of Postgraduate Studies on Sustainable Agriculture and Future Farming Systems</p> <p><i>Anna Borsuk, M.Sc.SAGRIS Project Manager, Nuertingen-Geislingen University, Germany</i></p>



13.15	Formation of an export strategy for the development of the agri-food market <i>Zakshevskaya Elena Vasilyevna, professor, Dr. in Economics, acting Vice-Rector for IT, International Relations and Quality Management, the head of the Department of management and marketing, Voronezh State Agrarian University named after Emperor Peter the Great I, Russia</i>
13.30	Challenges of training marketers with the introduction of digitalization in agribusiness <i>Darya Legeza, professor, d.e.sc., Head of the marketing Department at Dmytro Motornyi Tavria State Agrotechnological University, Ukraine</i>
13.45	Opportunities for Kazakhstan - Agro -tourism, renewable energy <i>Waldemar Kozłowski – Professor of the University of Warmia and Mazury in Olsztyn, Poland</i>
14.00	Legal position of a scientist in Russia and Kazakhstan: comparative aspects <i>Anton Vasilyev, doctor of Jurisprudence, professor of the Department of Theory and history of state and law, Director Of the law Institute of Altai State University, Russia</i>
14.15	Financing Rural Farming a case of Tanzania practices. <i>Geofrey Mtawa, County Head, Retail Banking, United Bank for Africa Tanzania, Tanzania</i>
14.30	The role of systematization of accounting in the development of agro-industrial complex <i>Tatyana Martemyanovna Mezentseva, doctor of Economic sciences, professor of the Audit and Corporate reporting Department of the Financial University under the Government of the Russian Federation, Russia</i>
14.45	Sarez lake-a natural threat in Central Asia <i>Grzegosz Nizel, associate professor. PhD, The State School of Higher Education of Chelm, Poland</i>
15.00	Issues of protection rights of land use <i>Velta Parsova, doctor of economic sciences, professor of Latvia University of Agriculture, Latvia</i>
15.15	Customary law as a form of preserving national identity <i>Rusanov Vitaly Viktorovich, candidate of Jurisprudence ., docent of the department "Theory and history of state and law" of the Altai State University, Director of REC Bolshoy Altai, Russia</i>



15.30	Soft Skills flexible or soft skills and abilities - tools for an innovative solution in the agro-industrial complex <i>Samatov Orozbai Zhusupbaevich, doctor of Jurisprudence, professor of the Kyrgyz State Law Academy, Kyrgyzstan</i>
15.45	Analysis of agricultural technology development in China's arid regions <i>Zhu Yuhung, doctor of Economic sciences, professor, the head of the Chinese-Russian research center for agricultural science and technology policy, Northwest A&F University, China</i>
16.00	Financial investments to support agritourism products development in Poland <i>Janusz Majewski, doctor of economic sciences, professor, University of Life Sciences in Poznań, Poland</i>
16.15	Accelerated technology transfer and creation of centers of agricultural competence and innovation in the agro-industrial complex <i>Andrey Timaev Anatolevich, Ph. D., associate professor, Director of the agrotechnopark of the Belarusian State Agricultural Academy, Belarus Republic</i>
16.30	Socio-economic features of improving the nosogeographic situation of the Republic of Karakalpakstan <i>Turdimambetov Izimbet Rakhmetovich, associate professor, doc.g.sc., Vice-Rector for Scientific Affairs and Innovations, Karakalpak state university named after Berdakh, Uzbekistan</i>
16.45	Globalization versus localization. Cultural and economic aspects of the COVID 19 era <i>Ronen Mor, President, OI Investment LTD, Israel</i>
17.00	SUMMARY OF THE PANEL SESSION



PANEL SESSION 7	
10.00–16.00	WATER SECURITY IN THE CONCEPT OF SUSTAINABLE DEVELOPMENT OF THE AGRO-INDUSTRIAL COMPLEX
	<p>MODERATORS:</p> <p>Yesengul Kalibekova, Doctor of technical sciences, Professor of the Department of Water Resources and Land Reclamation, Director of the Research Institute of Water Problems and Land Reclamation KazNARU, Kazakhstan</p> <p>Ainura Aldiyarova, PhD, Associate Professor of the department "Water resources and melioration", Kazakhstan</p>
	SPEAKERS:
10.00	<p>State and use of water resources of Kazakhstan</p> <p><i>Ayashev Maksat Temirbekovich, Deputy chairman of the water resources Committee</i></p>
10.15	<p>Increasing water scarcity as a threat to food security in Central Asia</p> <p><i>Ibatullin Sagit Rakhmatullaevich, doctor of technical sciences, professor, academician of Agriculture of the RK, Director of the International Center for Safety of Hydraulic Structures</i></p>
10.30	<p>Irrigated agriculture in the Aral crisis zone</p> <p><i>Bekniyazov Bolat Kabikenovich, candidate of geographical sciences, director of the International Fund for Saving the Aral Sea (Kazakhstan)</i></p>
10.45	<p>Use of modern irrigation methods</p> <p><i>Kalashnikov Alexander Afanasievich, candidate of technical sciences, Kazakh Scientific Research Institute of Water Management</i></p>
11.00	<p>Modern water-saving methods of crop irrigation in the conditions of Uzbekistan</p> <p><i>Begmatov Ilkhom Abduraimovich, professor, head of the department "Irrigation and Melioration" of the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, Uzbekistan</i></p>
11.15	<p>Water saving in the Republic of Uzbekistan</p> <p><i>Sherov Anvar Gulimovich, doctor of technical sciences, professor, head of the department "Exploitation of meliorative systems" of the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, Uzbekistan</i></p>



11.30	Geospatial technologies and approach to modeling livestock husbandry in Akmola <i>Jianguo Qi – professor, Michigan State University, USA</i>
11.45	Current condition of Azerbaijan soils and scientific justification for their improvement <i>Mustafayev Mustafa Gilymogly, professor of the Institute of Soil Science and Agronomy of NAS of Azerbaijan</i>
12.00	Dryland Restoration <i>Asif Saleem, Canada</i>
12.15	Methodological approaches for peatland watering justification <i>Mazhaisky Yuriy Anatolievich, doctor of agricultural sciences, professor, General Director of Public Joint Stock Company "MECHERSKY SCIENCE-TECHNICAL CENTER", Russia</i>
12.30	Problems of water supply in Russian regions and ways to solve them for South-West Siberia and Kazakhstan <i>Isaeva Sofia Davidovna, doctor of technical sciences, professor, head of the department of the all-Russian research Institute of hydraulic engineering and melioration named after A. N. Kostyakov, Russia</i>
12.45	Impact of climate change on water supply and agricultural conditions in Ukraine <i>Romashchenko Mikhail Ivanovich, doctor of technical sciences, academician of the National Academy of Agrarian Sciences of Ukraine, Ukraine</i>
13.00	Opto-mechanical systems in the study of dynamic media <i>Sergey Movchan, associate professor, candidate of technical sciences, acting head of the department of "Geoecology and Land Management" of Tavrichesky State Agrotechnological University named after Dmitry Motorny, Ukraine</i>
13.15	Irrigation Management System "Irrigation Online" SMART solution for farmers. Development and implementation of intelligent technologies <i>Matyash Tatyana Vitalyevna, candidate of technical sciences, Institute of Water Problems and Melioration of National Academy of Agrarian Sciences of Ukraine, Ukraine</i>
13.30	Innovative water-saving technologies <i>Yuri Oziransky, coordinator of the company Agri Mechanization and Technology, Israel</i>



13.45	Opportunities to use micro hydroenergy in urban water networks <i>Petras Punys, professor of the Vytautas Magnus University</i>
14.00	Groundwater and meteorological sensors <i>Ainis Lagzdins, professor of the Latvia University of Agriculture, Latvia</i>
14.15	The role of irrigation in the formation of water quality in the receivers of waste water discharged from large urban agglomerations <i>Mosiej Józef, doctor of technical sciences, professor of the Institute of Engineering and Environment, Warsaw University of Life Sciences, Poland</i>
14.30	Urban Hydrology and Modelling of Climate Change Resistance <i>Jaroslaw Chormanski, professor of the Warsaw University of Life Sciences - SGGW, Poland</i>
14.45	Application of climatic proxy data (wood rings) in the study of the hydrological cycle in South-Eastern Kazakhstan <i>Zubairov Bulat, PhD, Humboldt University of Berlin, Germany</i>
15.00	Water resources for irrigation under climate change conditions and state of hydromelioration in Slovakia and Europe <i>Lubos Jurik, professor of the department "Water resources management" of the Slovak University of Agriculture, Slovakia</i>
15.15	Inter basin water transfer to support sustainable irrigation. The case study of Valdichiana, Central Italy <i>Graziano Ghinassi, PhD, associate professor, University of Florence, Italy</i>
15.30	Environmental aspects in the use of waste water in irrigation <i>Seisenbayeva Gulaim Akhmetzharovna, candidate of technical sciences, professor of the Department of Molecular Sciences, State Agricultural University, Sweden</i>
15.45	SUMMING UP THE PANEL SESSION



PANEL SESSION 8	
14.00 – 18.00	FUTURE OF AGRICULTURAL SCIENCE – YOUNG SCIENTIST
	<p>MODERATOR:</p> <p>Bekzat Turegeldiyev, PhD, Chairman of the Council of Young Scientists, Kazakh National Agrarian Research University, Kazakhstan</p> <p>Asan Baibolov, Associate Professor, Head of the Department for Coordination of Scientific Projects, Kazakh National Agrarian Research University, Kazakhstan</p>
	SPEAKERS:
14.00	<p>Greenhouse development in southern Spain</p> <p><i>Rabab Chelhaoui, Degree in Agricultural Engineering Master in Agronomic Engineering University of Almeria, Spain</i></p>
14.10	<p>The effect of rootstocks GF677 and Garnem on agronomical performance of peach, plum and apricot cultivars</p> <p><i>Mladen Nanev Petrov, PhD student, Department of Fruit growing at Agricultural University-Plovdiv, Bulgaria</i></p>
14.20	<p>Irrigation infrastructure to favour climate change</p> <p><i>Senoo Prince M, MSc., Water Resources Engineer, Infrastructure Engineer Ghana irrigation development Authority, Ghana</i></p>
14:30	<p>How Irrigation Systems Developing in Myanmar</p> <p><i>Aung Myo Oo, Irrigation Expert, Myanmar</i></p>
14.40	<p>Remote detection of ecosystem degradation in the everglades ridge-slough landscape</p> <p><i>Jing Yuan, PhD, Research Associate, Landscape Ecology & Ecosystem Science Lab, Center for Global Change and Earth Observations, Michigan State University, USA</i></p>
14.50	<p>Effect of land-use transformation on wind erosion in the dry steppes of Kazakhstan</p> <p><i>Moritz Koza, Junior Researcher at Martin Luther University Halle-Wittenberg, Germany</i></p>
15.00	<p>Lumnitzera littorea current status and distribution of Sri Lanka</p> <p><i>Channa Suraweera, Assistant Director to the Southern Wildlife Region, Department of Wildlife Conservation, Sri Lanka</i></p>



15.10	Green urbanization - innovative methods of urban greening <i>Yuliya Borissova, PhD, Associate Professor of Forest Resources and Game Management Department, Kazakh National Agrarian Research University, Kazakhstan</i>
15.20	Urban AI Garden <i>Fjordi Bisha, Water and Wastewater Engineer at Valu Add Management Services, Consultant at the World Bank, Albania</i> <i>Igli Kocibelli BEng, RBP, Director of Alba Developers pty, Ltd, Albania</i>
15:30	Comparative analysis of different nematophagous fungi in boosting soil beneficial microbiota <i>Manzoor Hussain, Principal Investigator, Czech University of Life Sciences, Czech Republic</i>
15.40	Features of preventive measures during Covid-19 in Papua New Guinea <i>Gabriella Ak, Assistant Professor, University of Papua New Guinea, School of Health and medicine, Papua New Guinea</i>
15.50	Development of laboratory capacity for AMR bacteria of veterinary importance <i>Patrrarat Chanchaithong, DVM, PhD, Assistant Professor, Department of Veterinary Microbiology, Faculty of Veterinary Science, Chulalongkorn University, Thailand</i>
16.00	Antibacterial polymer-coated particles with broad spectrum activity <i>Noel Xu Qingxing, Lecturer, School of Life Sciences & Chemical Technology, Ngee Ann Polytechnic, Singapore</i>
16.10	Common diseases in small animals in the Philippines <i>Ray Oronan, Assistant Professor, University of the Philippines Los Baños, College of Veterinary Medicine, Philippines</i>
16.20	The adventure of koumiss, a fermented beverage, from the past to the present <i>Zhanylbubu Mamatova PhD student at Istanbul University-Cerrahpasa, Faculty of Veterinary medicine, Department Food Hygiene and Technology, Turkey</i>
16.30	Whey and its valorization <i>Sabina Aydarbekova, PhD candidate Laval university, Canada</i>



16.40	Rid-off Stink of a Landfill <i>Mohd Fazli Farida Asras, PhD, Senior Lecturer, Industrial Biotechnology Program Faculty of Industrial Sciences & Technology Universiti Malaysia Pahang, Malaysia</i>
16.50	Effect of heat acclimation during incubation on the performance of broilers <i>Tahir Shah, PhD Candidate, Ege University, Pakistan</i>
17.00	New driver of the economy - Agro-industrial complex of Kazakhstan <i>Maira Kussainova, Candidate of Agricultural Sciences, Head of the Center for Sustainable Agriculture, Agritech Hub Kazakh National Agrarian Research University, Kazakhstan</i>
17.10	Robotics in Agriculture <i>Michael Johnson, PhD, professor University of Limerick, Ireland</i>
17.20	How educational technologies can enhance learning experiences by assisting different learning activities <i>Cristiano Cardoso Maia, Higher Education PostGrad, Master by Research in Computing, bachelors in Computer Science Associate Lecturer, Middlesex University, UK</i>
17.30	Database Analysis And Design <i>Najmee Nawida, student Kazakh National Agrarian Research University, Afghanistan</i>
17:40	SUMMING UP THE PANEL SESSION

17.30	CLOSING SESSION
	MODERATOR: Tlektes Yespolov , Chairman of the Board - Rector, Vice-President of NAS RK, academician
	SPEECHES BY MODERATORS OF PANEL SESSIONS Discussion and adoption of the resolution of the V International Agrotechnological Summit CLOSING OF THE SUMMIT