

# CONFERENCE WORK PROGRAM

## TECHNICAL SCIENCES

- 1. Vakhrameev D.A., Davydov N.D., Selifanov S.E., Fedorov V.M.**  
Autonomous heat accumulator as an effective device for improving the economic, technical and environmental performance of a diesel engine during the starting period.
- 2. Spiridonov A.B., Anisimova K.V., Glavatskikh N.G., Porobova O.B.**  
Using the method of electrohydraulic shock to obtain peat fertilizers.
- 3. Fedorov O.S., Shirobokov V.I., Golubkov A.N., Vitvinova M.A.**  
Investigation of the efficiency of the vibro-installation for bulk materials.
- 4. Pervushin V.F., Salimzyanov M.Z., Kasimov N.G., Shakirov R.R.**  
Machines and implements for the cultivation of potatoes in the conditions of small-scale farming.
- 5. Shakirov R.R., Kostin A.V., Markov D.A., Bodnarchuk Y.D.**  
Substantiation of the parameters of the potato heap cleaner.
- 6. Badreddinova I.V., Kasatkin V.V., Kasatkina N.Y.**  
Substantiation of technological parameters for obtaining flax pulp by alkaline cooking in the microwave field.
- 7. Maksimov L.L., Shklyayev K.L., Strunov A.K., Deryushev I.A.**  
Support-drive device for small-sized vegetable harvesting equipment.
- 8. Ipatov A.G., Shmykov S.N., Volkov K.G., Novikova L.Y.**

Improving the performance of triboobjects with the implementation of the effect of frictional transfer.

**9. Ivanov A.G., Lebedev L.Ya., Shklyayev A.L., Shklyayev M.V.**

Calculation of the parameters of the extruder for manure and droppings.

**10. Kasatkin V.V., Ignatiev S.P., Kasatkina N.Y.**

Recycling of animal waste.

**11. Karban O.V., Russkikh I.T., Pospelova I.G., Bulatova E.G.**

Thermal insulation materials for agroindustrial complex based on aluminum oxide.

**12. Panteleeva L.A., Dresvyannikova E.V., Vasiliev D.A., Martynov K.V.**

Testing circuit breakers in a production environment.

**13. Shavkunov M.L., Lekomtsev P.L., Korepanov A.S., Gavrilov R.I.**

Disinfection of air in livestock buildings in an integrated way.

**14. Gallyamova T.R., Gallyamov S.R., Kuznetsova O.V., Soboleva E.N.**

Reflection of light in a model of a rough surface by Shklovsky and de Gennes.

**15. Shirobokova T.A., Shuvalova L.A., Novoselov I.M.**

Prospects for the use of LED lighting devices in poultry farming.

**16. Olin N.L., Niyazov A.M., Lekomtsev P.L., Dresvyannikova E.V.**

Spectral composition of optical radiation and its effect on the physiological systems of the body.

**17. Yakimenko A.I., Niyazov A.M., Lekomtsev P.L., Dresvyannikova E.V.**

Thermodynamic basics of using the energy of the outside air for cooling water.

## **AGRICULTURAL SCIENCES**

**1. Kokonov S.I., Ryabova T.N., Temkin I.A.**

Forage productivity of agrocenoses of pasture ryegrass and festulolium.

**2. Yastrebova A.V., Kokonov S.I., Ryabova T.N., Milchakova A.V.**

Productivity of blue lupine, depending on seed preparation and seeding rate.

**3. Nikitin A.A., Maslova M.P., Iteshina N.M., Shabanova E.E.**

Improvement of the arrangement of the agricultural land territory of the APC Kolkhoz "Zvezda" of the Kizner district of the Udmurt Republic.

**4. Lekontseva T.G., Fedorov A.V., Nikitina A.V., Lentochkin A.M.**

Efficiency of siliplant application for clonal micropropagation of ReineSammur rose.

**5. Vafina E.F., Milchakova A.V., Mazunina N.I.**

Formation of productivity of seeds of oilseeds of the Brassicaceae family in the conditions of the Middle Urals.

**6. Rudenok V.A., Kondratyeva N.P., Mazunina N.I., Tikhonova O.S.**

Synergistic effect in seed treatment with electron donor solution and UV irradiation.

**7. Korepanova E.V., Goreeva V.N., Islamova Ch.M., Fatykhov I.S.**

Elements of technology for the cultivation of oilseeds and bast crops in the Middle Urals.

**8. Bortnik T.Y., Makarov V.I., Bashkov A.S., Karpova A.Y.**

The influence of long-term use of fertilization systems on the productivity of winter grain crops and changes in the agrochemical properties of sod-medium podzolic medium loamy soil.

**9. Lekomtseva E.V., Ivanova T.E., Stradina O.A., Bortnik T.Y.**

The effect of organic fertilizer on the yield and quality of shallot varieties in the conditions of the Udmurt Republic.

**10. Babaytseva T.A., Solovieva M.V., Kolesnikova V.G., Vafina E.F.**

Efficiency of selection methods for elite winter triticale plants and evaluation of their offspring in a breeding nursery.

**11. Kolesnikova V.G., Babaytseva T.A., Ryabova T.N.**

Ecological plasticity of selection samples of oats in terms of yield and weight of 1000 grains.

**12. Rudenok V.A., Kanunnikova O.M.**

Development of a promising multilayer galvanized coating.

**13. Isupov A.N., Ukhov P.A., Belosludtsev D.V., Lozhkina L.A.**

Influence of lime and mineral fertilizers on the potassium state in the profile of sod-medium podzolic medium loamy soil.

**14. Prokosheva K.Y., Absalyamova S.L., Absalyamov R.R., Pozdeev D.A.**

The role of landscaping in the formation of the urban environment on the example of the residential area of Izhevsk.

**15. Shabanova E.E., Iteshina N.M., Osmachko O.E., Belosludtseva S.G.**

Formation of phytocenoses on lands disturbed by oil production in the Udmurt Republic.

## ZOOVETERINARY SCIENCES

**1. Berestov D.S., Vasiliev Y.G., Shishkin A.V., Isupova N.V.**

Effect of ActiveMix supplements with separate administration of antagonistic components on the structure of internal organs.

**2. Knyazeva M.V., Babintseva T.V., Khamitova L.F., Rudakov R.V.**

The use of probiotics for the prevention of endometritis in cows.

**3. Klimova E.S., Reshetnikova A.D., Babintseva T.V., Krylova T.G.**

The structure of the parasitocenosis of ruminants.

**4. Maksimova E.V., Klimova E.S., Merzlyakova E.A.**

Analysis of the tension of post-vaccination immunity to acute respiratory viral infections of cattle

**5. Kislyakova E.M., Achkasova E.V., Azimova G.V., Bass S.P.**

Alternative sources of protein in the diets of high yielding cows.

**6. Berezkina G.Y., Nazarova K.P., Zakirova R.R., Utkina O.S.**

Influence of the type of milking installation on the level of milk production, as well as on the morphological and functional properties of the udder of cows.

**7. Astrakhantsev A.A., Perevozchikov M.A., Sannikova N.A., Kudrin M.R.**

Influence of feeding factors on the productivity of hens and egg crosses.

**8. Hardina E.V., Krasnova O.A., Vasilyeva M.I., Vostrikova S.S.**

Results of monitoring the meat productivity of cattle processed in the conditions of LLC "Uvinsky meat cutting plant" of the Uvinsky district of the Udmurt Republic.

**9. Krasnova O.A., Lazareva K.V., Pushkarev M.G., Nikolaev V.A.**  
Meat productivity of black-and-white bulls using a biostimulant of plant origin.

**10. Lyubimov A.I., Vorobieva S.L., Tronina A.S., Yudin V.M.**  
Economically useful indicators of bee colonies when using probiotic feed preparations.

**11. Vorobieva S.L., Vasilieva M.I., Mushtaleva E.D., Berezkina G.Y.**  
Epizootological situation in beekeeping in the Udmurt Republic of the Russian Federation and preventive measures against infectious diseases.

**12. Isupova Y.V., Kuznetsova M.K., Yastrebova E.A., Martynova E.N.**  
Efficiency of the genomic assessment of the breeding value of Holstein servicing bulls in comparison with the assessment of the quality of offspring

## **ECONOMIC SCIENCES**

**1. Ostaev G.Y., Alborov R.A., Selezneva I.A., Mosunova E.L., Shlyapnikova E.A.**  
Internal control in the system of economic security of the organization.

**2. Pimenova N.B., Konina E.A., Doronina S.A.**  
Selection of strategic directions for the development of agricultural production in the region using foresight technologies.

**3. Alekseeva N.A., Abasheva O.Y., Tarasova O.A., Sokolov V.A., Mironova Z.A.**  
State agricultural policy and the effectiveness of its implementation at the regional level.

**4. Mukhina I.A., Markovina E.V., Gogolev I.M., Ryzhkova O.I.**

Methodology for the qualimetric assessment of investment security in rural areas.

**5. Akmarov P.B., Mironova M.V., Gorbushina N.V., Kravchenko N.A.**

Production specialization of the region as the basis for calculating the socio-economic development potential.

**6. Kontsevaya S.M., Selezneva I.P., Mosunova E.L., Bodrikova S.V.**

Improving the analysis of profit from the sale of crop products.

**7. Kondratyev D.V., Osipov A.K., Gainutdinova E.A., Abasheva O.V.**

Criteria and indicators of synergistic efficiency of food industry enterprise management.

**8. Kotlyachkov O.V., Kotlyachkova N.V., Fedorova N.P., Maksimov D.G.**

Model of food security of the regions of the Volga Federal District.

**9. Zhuchenko O.A., Malakhova O.N., Ponosov F.N., Russkikh I.T.**

The relationship between the personal characteristics of students of an agricultural university with the level of self-esteem of academic achievements in the examination situation.

**10. Bashev A.V., Kozlovsky S.V., Smirnova L.V., Uvarov S.N.**

Historical memory as a factor in the development of agriculture in Udmurtia.

**11. Platonova S.I.**

Epistemological transformations of science into the digital economy.