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Preface

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Preface

The international conference **"AgroINNOVATION - innovative solutions in the Agro-Industrial Complex"** was successfully held online on May 12-14, 2021 in Volgograd based on the Volgograd State Agrarian University. The organizer of the conference is the federal state budgetary educational institution of higher education **"Volgograd State Agrarian University".** In connection with COVID-2019 and global and national bans and other coordinated restrictive measures related to the pandemic, the organizers decided to hold the conference in an integrated manner using a virtual format and providing access for all participants to the presented reports.

The safety and well-being of all conference participants is our priority. COVID-19 is unpredictable, so the postponement of the conference is fraught with uncertainty, while many scientists and researchers want to attend this long-awaited conference and exchange academic knowledge with their colleagues. But, fortunately, there are no obstacles for science, and we continue to work in our areas remotely, using modern technical means. The conference was held using a virtual mode for 2 days (May 12-14, from 9:30 to 16:00), including program and invitation speeches, the author's presentation session.

Audiovisual contact was carried out using the Zoom communication platform for synchronous communication. The conference was organized as a large-scale online meeting of the participants of thematic sessions with the opportunity for speakers to show slides and video files in accordance with the approved technical program. Each presenter had a 15 minute presentation and a 10 minute Q&A session. There were always 25-30 participants online, along with participants at a safe distance in the room. During the online presentation, participants discussed more than 60 issues on innovation for sustainable and environmentally friendly development of the agro-industrial complex. The conference was attended by representatives of the leading institutions of the Russian Federation and foreign countries:

Agroinnovation 2021

1. Volgograd State Agrarian University (Volgograd, Russia)
2. Don State Agrarian University (Rostov region, Russia)
3. Saratov State Agrarian University named after N. I. Vavilov (Saratov, Russia)
4. Nikitsky Botanical Garden – National Scientific Center of the Russian Academy of Sciences (Yalta, Republic of Crimea, Russia)
5. Almaty Technological University (Almaty, Kazakhstan)
6. Russian State Agrarian University - Moscow Timiryazev Agricultural Academy (Moscow, Russia)
7. Smolensk State Agricultural Academy (Smolensk, Russia)
8. Kuban State Agrarian University named after I. T. Trubilin (Krasnodar, Russia)

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9. Volga Region Research Institute of Manufacture and Processing of Meat-and-Milk Production (Volgograd, Russia)
10. All-Russian Research Institute of Irrigated Agriculture (Volgograd, Russia)
11. Volgograd State Technical University (Volgograd, Russia)
12. Ryazan State Agrotechnological University Named after P. A. Kostychev (Ryazan, Russia)
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16. Ingush State University (Magas, Republic of Ingushetia, Russia)
17. Kabardino-Balkarian State University named after H. M. Berbekov (Nalchik, Kabardino-Balkar Republic, Russia)
18. Lomonosov Moscow State University (Moscow, Russia)
19. Financial University under the Government of the Russian Federation (Moscow, Russia)
20. Caspian Agrarian Federal Scientific Research Centre of Russian Academy of Sciences (Astrakhan region, Russia)
21. Mikhailovsky College of Technology (Volgograd region, Russia)
22. Moscow Power Engineering Institute (Moscow, Russia)
23. Federal Scientific Centre of Agroecology, Complex Melioration and Protective Afforestation of the Russian Academy of Sciences (Volgograd, Russia)
24. Research Institute of Agriculture of Crimea (Simferopol, Republic of Crimea, Russia)
25. V. I. Vernadsky Crimean Federal University (Simferopol, Republic of Crimea, Russia)
26. Medical Academy Named after S.I. Georgievsky" (Simferopol, Republic of Crimea, Russia)
27. Research Institute for Hygiene, Toxicology and Occupational Pathology» at Federal Medical and Biological Agency (Volgograd, Russia)
28. Ulyanovsk State Agrarian University named after P. A. Stolypin (Ulyanovsk, Russia)
29. Samara State Agrarian University (Samara, Russia)
30. Russian State Economic University named after G.V. Plekhanov (Moscow, Russia)
31. Department of Veterinary and Production Control of JSC firm "Agrokompleks" named after N. I. Tkachev (Krasnodar Territory, Russia)

32. Poultry Department of LLC “Russian Grain Ufa” (Ufa, Republic of Bashkortostan, Russia)
33. Rostov State Medical University (Rostov-on-Don, Russia)
34. Krasnodar Research Centre for Animal Husbandry and Veterinary Medicine (Krasnodar, Russia)
35. Maikop State Technological University (Maykop, Republic of Adygea, Russia)
36. Volgograd State University (Volgograd, Russia)
37. Gustave Eiffel University (France)

The excellent presentation of all the speakers made this conference truly spectacular. The conference addressed the issues of sustainable development of agriculture and rural areas through the development and research of innovative agricultural technologies, land reclamation, ecology, rational use of natural resources and environmental protection.

The main topics of the conference were:

1. Innovative agricultural technologies.
2. Modern aspects of agricultural land reclamation, water resources and water supply.
3. Scientific support for the sustainable development of animal husbandry.
4. Progressive biotechnologies for the sustainable food production.
5. Energy and resource saving technologies and technical systems in agriculture.
6. IT-technologies in agriculture: problems and prospects for the sustainable development of agriculture.

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Co-chairman: Aleksey Anatolyevich Ryadnov - Honorary Worker of Education of the Russian Federation, Dr. Biol. Sci., Professor, head of Department, Vice-Rector for Research, radnov@mail.ru, +7 (8442) 41-11-65



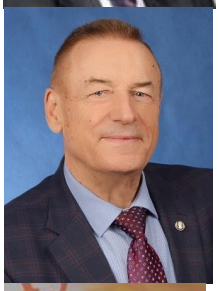
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Nesmiyanov Ivan Alekseevich - Doctor of Technical Sciences, Vice-Rector for Academic Affairs, Professor: Department of Mechanics, Head of laboratory "*Robotic technologies and digital adaptation of agricultural machinery*" ivan_nesmiyanov@mail.ru +7 (8442) 41-10-94



Borodychev Viktor Vladimirovich - Honored Scientist of the Russian Federation, Doctor of Agricultural Sciences, Academician of the Russian Academy of Sciences, Professor, Director of the Branch of the All-Russian Research Institute of Hydraulic Engineering and Land Reclamation named after A.N. Kostyakov vkoniigim@yandex.ru +7 (8442) 41-15-05



Gorlov Ivan Fedorovich, Honored Scientist of the Russian Federation, Doctor of Agricultural Sciences, Academician of the Russian Academy of Sciences, Scientific Director of the Volga Region Research Institute of Production and Processing of Meat and Dairy Products niimmp@mail.ru +7 8442 39-10-48



Kashtanova Elena G., Doctor, Professor, Dean of the Faculty of Agriculture, Ecotrophology and Landscape Development, Anhalt University of Applied Sciences, Bernburg (Germany)



Petrovich Milan - Doctor of Agricultural Sciences, Deputy Director of the Institute of Livestock Breeding, Belgrade, Serbia



Khramova Valentina Nikolaevna - Doctor of Biological Sciences, Professor, Dean of the Faculty of Food Production Technology, VolgSTU hramova_vn@mail.ru +7 (903) 370-33-93



Chamurliev Omariy Georgievich - Doctor of Agricultural Sciences, Senior Researcher, Head of the Department, Director of the *Research Institute for Advanced Research and Innovation in the Agroindustrial Complex* attika.ge@yandex.ru +7 (8442) 40-30-94



Zelenev Alexander Vasilievich - Doctor of Agricultural Sciences, Professor zelenev.a@bk.ru +7 (8442) 41-12-20



Gapich Dmitry Sergeevich - Doctor of Technical Sciences, head Department gds-08@mail.ru +7 (8442) 41-13-70



Ryadnov Alexey Ivanovich - Honored Worker of Higher Education of the Russian Federation, Honorary Worker of Higher Professional Education of the Russian Federation, Doctor of Technical Sciences, Professor emtp46@mail.ru alex.rjadnov@mail.ru +7 (8442) 41-81-88



Shaprov Mikhail Nikolaevich - Doctor of Technical Sciences, Professor, Honored Worker of Higher School of the Russian Federation, Professor m.shaprov@yandex.ru +7 (8442) 41-15-18



Ovchinnikov Alexey Semenovich - Honored Worker of Higher School of the Russian Federation, Academician of the Russian Academy of Sciences, Professor, Doctor of Agricultural Sciences, head of department; Ch. editor: Editorial office of the journal "*Proc. of Low Volga Agro-University Complex*"; Chairman of the Board: Regional Fund "*Agrarian University Complex*"



Bocharnikov Viktor Sergeevich - Doctor of Technical Sciences, Professor; Scientific Secretary: Scientific Council; bocharnikov_vs@mail.ru +7 (8442) 41-30-95



Pakhomov Alexander Alekseevich - Doctor of Technical Sciences, Professor; Scientific supervisor of the laboratory pahomoff.1954@yandex.ru +7 (8442) 41-81-53



Varakin Alexander Tikhonovich - Doctor of Agricultural Sciences, Professor varakinat58@mail.ru +7 (8442) 41-77-13



Chamurliev Nodari Georgievich - Doctor of Agricultural Sciences, Professor zootexnia@mail.ru +7 (8442) 41-77-13




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