Draft Programme

**131st session of the Scientific Council**

**24–25 February 2022**

<https://indico.jinr.ru/event/2721/>

***JINR House of Scientists***

***Combined format of participation***

***24 February 2022, Thursday***

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| *15.00* | |  | Opening of the session | G. Trubnikov | 5 min. |
| *15:15* | |  | Approval of the session Programme | S. Kilin | 5 min. |
| *15:20* | |  | Report by the JINR Director | G. Trubnikov | 40 min. |
| *16:10* | |  | Discussion of the Director's report | S. Kilin | 15 min. |
|  | |  | Appointment of the Editing Board for drafting the Resolution of the Scientific Council | S. Kilin | 5 min. |
|  | |  | Appointment of the Committee for the election of Director of the Veksler and Baldin Laboratory of High Energy Physics (VBLHEP) | S. Kilin | 5 min. |
| *16:25* | |  | Recommendations of the Programme Advisory Committees taken at the meetings in January 2022: |  |  |
|  | |  | * PAC for Particle Physics | I. Tserruya | 15 min. |
|  | |  | * PAC for Nuclear Physics | M. Lewitowicz | 15 min. |
|  | |  | * PAC for Condensed Matter Physics | D. L. Nagy | 15 min. |
|  | |  | Memberships of the PACs | G. Trubnikov | 5 min. |
|  | |  | *Break* |  |  |
|  | |  | Concept of the Seven-year plan for the development of JINR for 2024–2030 in major areas: |  |  |
| *16:30* | |  | particle physics and high-energy heavy-ion physics, information technologies | V. Kekelidze | 20 min. |
|  | |  | * nuclear physics, applied and innovation research | S. Dmitriev | 20 min. |
|  | |  | condensed matter physics, radiobiology | L. Kostov | 20 min. |
|  | | 10. | Discussion of the reports (item 8) | S. Kilin | 20 min. |
|  | |  | Closed session |  |  |
|  | | 11. | Election of Director of VBLHEP: | S. Kilin |  |
|  | |  | * recommendations of the Election Committee | Election Committee |  |
|  | |  | * presentation by the candidate for the position of Director of VBLHEP | A. Kisiel | 20 min. |
|  | |  | * discussion of the candidate |  |  |
|  | |  | * voting |  |  |
|  | |  | * announcement of voting results |  |  |
| ***25 February 2022, Friday*** | | | | | |

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| *15:00* | | 12. | | | | Reports by young scientists as recommended by the PACs: | |  | |  | |
|  | |  | | | | “Investigation of superconductivity and magnetism in layered nanostructures by polarized neutron reflectometry with secondary radiation registration” | | V. Zhaketov | | 15 min. | |
|  | |  | | | | “Deep learning methods and software for  the reconstruction of elementary particle trajectories” | | P. Goncharov | | 15 min. | | |
|  | |  | | | | “Construction of ARIADNA applied stations based on the NICA accelerator complex” | | A. Slivin | | 15 min. | | |
|  | |  | | | | “Detailed study of radioactive decay properties of No isotopes with α, β, γ-spectroscopy method” | | M. Tezekbayeva | | 15 min. | | |
|  | | 13. | | | | Scientific reports on the results of 2021: | |  |  | |
|  | |  | | | | “Biohybrid nanocomplexes and their potential application in biomedicine” | | Yu. Gorshkova | 20 min. | |
|  | |  | | | | “Multiple facets of multiloop calculations” | | A. Bednyakov | 20 min. | | |
|  | | 14. | | | | Jury’s recommendations on awarding the B. Pontecorvo Prize | | A. Olshevskiy | 5 min. | |
|  | | 15. | | | | Jury’s recommendations on awarding JINR annual prizes for best papers in the fields of theoretical and experimental research, methodology and technology research, and applied technology research | | S. Dmitriev | 10 min. | |
|  | | 16. | | | | Award of the Diploma “Honorary Doctor of JINR” to M. Waligórski | | G. Trubnikov | 10 min. | |
|  | | 17. | | | | Proposals for awarding the title “Honorary Doctor of JINR” | | G. Trubnikov | 10 min. | |
|  | | 18. | | | | Announcement of vacancies of positions in the directorates of JINR Laboratories | | G. Trubnikov | 5 min. | |
|  | | | |  | *Break* | | | |  |  |
| *17:20* | |  | | | | Closed session | |  |  | |
| *17:20* | | 19. | | | | General discussion. Adoption of the Resolution of the Scientific Council | | S. Kilin | 1 hr | |
| *18:20* | | 20. | | | | Closing of the session | | G. Trubnikov | 5 min. | |