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***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *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*** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *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. |