JINR SCIENTIFIC COUNCIL

**124th Session, 20–21 September 2018**

**Draft Programme**

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| ***Thursday, 20 September 2018*** | ***International Conference Centre*** |

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| *9.30* | 1. | Opening of the session | V. Matveev |  |
|  | 2. | Election of the Co-chairman of the Scientific Council | V. Matveev |  |
|  | 3. | JINR Director’s report | V. Matveev | 30 min. |
|  | 4. | Appointment of the Editing Board for drafting  the Resolution of the Scientific Council | Co-chairman |  |
|  | 5. | Appointment of the Committee for the Election  of Directors of the Dzhelepov Laboratory of Nuclear Problems (DLNP) and of the Flerov Laboratory of Nuclear Reactions (FLNR) and for the Endorsement of the Appointment of Deputy Directors of the Frank Laboratory of Neutron Physics (FLNP) and of the Laboratory of Information Technologies (LIT) | Co-chairman |  |
|  |  | *Coffee break* |  |  |
|  | 6. | Progress of implementation of the Seven-year plan for the development of JINR for 2017–2023: |  |  |
|  |  | * particle physics, Information Technology | R. Lednický | 20 min. |
|  |  | * NICA project | V. Kekelidze | 20 min. |
|  |  | * nuclear physics | M. Itkis | 20 min. |
|  |  | * condensed matter physics | B. Sharkov | 20 min. |
|  |  | * development of the engineering infrastructure | B. Gikal | 20 min. |
|  |  | * education | S. Pakuliak | 20 min. |
|  | 7. | Discussion of the reports (Items 3 and 6) | Co-chairman | 30 min. |
|  |  | *Lunch break* |  |  |
| *15.00* | 8. | Recommendations of the Programme Advisory Committees taken at the meetings in June 2018: |  |  |
|  |  | * PAC for Particle Physics | I. Tserruya | 20 min. |
|  |  | * PAC for Nuclear Physics | M. Lewitowicz | 20 min. |
|  |  | * PAC for Condensed Matter Physics | D. L. Nagy | 20 min. |
|  |  | *Coffee break* |  |  |
|  | 9. | Election of Directors of DLNP and FLNR, endorsement of the appointment of Deputy Directors of FLNP and LIT (closed session): | Co-chairman | 60 min. |

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|  |  | * recommendations of the Election Committee | | Election Committee |  |
|  |  | * proposal for the election of the Director of FLNR | | V. Matveev |  |
|  |  | * presentation by the candidate for the position  of the Director of DLNP | V. Bednyakov | |  |
|  |  | * discussion of the candidate |  | |  | |
|  |  | * proposals by the Directors of FLNP and LIT  for the appointment of Deputy Directors | V. Shvetsov V. Korenkov | |  | |
|  |  | * discussion of the candidates |  | |  | |
|  |  | * secret ballot |  | |  | |
|  | 10. | Announcement of vacancies of positions  in the directorates of JINR Laboratories | | V. Matveev | 5 min. |
| *19.00* |  | *Welcoming reception* | |  |  |

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| ***Friday, 21 September 2018*** |  |

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| *9.30* | 11. | Reports by young scientists as recommended by the PAC: |  |  |
|  |  | * “How robust is a third family of compact stars against pasta phase effects?” | A. Ayriyan | 20 min. |
|  |  | * “Fusion-fission and quasi-fission in the  near-barrier reaction of 32S + 197Au” | I. Harca | 20 min. |
|  |  | * “Analysis of the working ability of a planar graphene tunnel field-effect transistor in the presence of edge vacancies” | A. Glebov | 20 min. |
|  | 12. | Award of the B. Pontecorvo Prize to Professors G. Fogli and E. Lisi | V. Matveev A. Olshevskiy | 5 min. |
|  |  | Presentations by the laureates of the B. Pontecorvo Prize | G. Fogli E. Lisi | 15 min. each |
|  | 13. | Jury’s recommendations on the award of the V. Dzhelepov Prize | V. Matveev V. Bednyakov | 5 min. |
|  | 14. | Presentation of diplomas to the winners of JINR annual prizes for best papers in the fields of scientific research, instruments and methods, and applied research | V. Matveev  A. Sorin | 30 min. |
|  |  | *Reception* |  |  |
|  |  | Closed session |  |  |
| *13.00* | 15. | General discussion. Adoption of the Resolution of the Scientific Council |  | 60 min. |
|  | 16. | Closing of the session | V. Matveev |  |