DRAFT PROGRAMME

**138th session of the JINR Scientific Council**

**15–16 September 2025**

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| ***JINR International Conference Centre*** | <https://indico.jinr.ru/event/5505/> |

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| ***15 September 2025, Monday*** | ***Hybrid format of holding*** |

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| *11.00* |  | 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 | 50 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 endorsement of appointment of Deputy Directors of the Flerov Laboratory of Nuclear Reactions (FLNR) | S. Kilin | 5 min. |
|  |  | *Lunch break* |  | 60 min. |
| *16:25* |  | Recommendations of the Programme Advisory Committees taken at the meetings in June 2025: |  |  |
|  |  | * PAC for Particle Physics | I. Tserruya | 20 min. |
|  |  | * PAC for Nuclear Physics | V. Nesvizhevsky | 20 min. |
|  |  | * PAC for Condensed Matter Physics | D. L. Nagy | 20 min. |
|  |  | Memberships of the PACs | G. Trubnikov | 5 min. |
|  |  | Scientific report “How beautiful is the landscape of superheavy nuclei?!” | Kh. Jadambaa | 30 min. |
|  |  | *Coffee break* |  | 20 min. |
|  |  | Closed session |  |  |
|  |  | Endorsement of appointments of Deputy Directors of FLNR: | S. Kilin |  |
|  |  | * proposal by the Director of FLNR for the appointments of Deputy Directors | S. Sidorchuk | 20 min. |
|  |  | * discussion of the candidates |  | 10 min. |
|  |  | * voting, counting of votes, announcement of the voting results |  | 20 min. |

***16 September 2025, Tuesday***

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| *11.00* |  | Reports by young scientists as recommended  by the PACs: |  |  |
|  |  | “Dilepton measurements in the MPD experiment at NICA” | S. P. Rode | 15 min. |
|  |  | “Low-energy spectra of nobelium isotopes” | M. Mardyban | 15 min. |
|  |  | “Automated segmentation of pores and cracks using a Unet3+ convolutional neural network on neutron, synchrotron, and X-ray tomography data” | B. Bakirov | 15 min. |
|  |  | Presentation of the diploma of the Honorary Doctor of JINR to M. Sakr | G. Trubnikov | 5 min. |
|  |  | Proposal for awarding the title “Honorary Doctor of JINR” | G. Trubnikov | 5 min. |
|  |  | Presentation of diplomas to the winners of JINR annual prizes for best scientific, methodological, technological, and applied research papers | G. Trubnikov  S. Nedelko | 30 min. |
|  |  | *Break* |  | 40 min. |
|  |  | Closed session |  |  |
|  |  | General discussion. Adoption of  the Resolution of the Scientific Council | S. Kilin | 60 min. |
|  |  | Closing of the session | G. Trubnikov | 5 min. |