

# **59th meeting of the PAC for Nuclear Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# 1. Opening of the meeting

*Thursday, 13 June 2024 09:30 (10 minutes)*

**Presenter:** NESVIZHEVSKY, V.

Contribution ID: 2

Type: **not specified**

## **2. Implementation of the recommendations of the 58th PAC meeting**

*Thursday, 13 June 2024 09:40 (20 minutes)*

**Presenter:** NESVIZHEVSKY, V.

Contribution ID: 3

Type: **not specified**

### **3. Information on the Resolution of the 135th session of the JINR Scientific Council (February 2024) and on the decisions of the JINR Committee of Plenipotentiaries (March 2024)**

*Thursday, 13 June 2024 10:00 (20 minutes)*

**Presenter:** DMITRIEV, S.

Contribution ID: 4

Type: **not specified**

## 5. Status of the U-400M accelerator

*Thursday, 13 June 2024 11:15 (25 minutes)*

Referees: K. Hahn, V. Tshivhase, Qin Zhi

**Presenter:** SEMIN, V.

Contribution ID: 5

Type: **not specified**

## **4. Synthesis and study of the decay properties of isotopes of superheavy elements Ds and Lv**

*Thursday, 13 June 2024 10:20 (20 minutes)*

Referees: D. Eremenko, J. Lubián, E. Vardaci

**Presenter:** KOVRIZHNYKH, N.

Contribution ID: 6

Type: **not specified**

## **6. Results of the first experiments at the ACCULINNA-2 separator and the scientific programme for 2024**

*Thursday, 13 June 2024 11:45 (20 minutes)*

Referees: M. Gaidarov, J. Lubián, I. Mazumdar

**Presenter:** CHUDOBA, V.

Contribution ID: 7

Type: **not specified**

**7. Development of low-temperature detection systems for the study of coherent elastic scattering of neutrinos on atoms and nuclei and measurement of electromagnetic characteristics of neutrinos in the frame of theme 03-2-1100-2010**

*Thursday, 13 June 2024 12:10 (20 minutes)*

Referees: K. Hahn, V. Kuzminov, Qin Zhi

**Presenter:** TROFIMOV, V.



Contribution ID: 8

Type: **not specified**

## **8. Status and prospects of radiochemical research at the JINR Laboratory of Nuclear Problems**

*Thursday, 13 June 2024 12:35 (20 minutes)*

Referees: Guinyun Kim, D. Klinov, V. Nesvizhevsky

**Presenter:** BAIMUKHANOVA, A.

Contribution ID: 9

Type: **not specified**

## 9.1. Supercomputer “Govorun” for JINR tasks

*Thursday, 13 June 2024 14:30 (25 minutes)*

**Presenter:** PODGAINY, D.

**Session Classification:** 9. Scientific reports:

Contribution ID: 10

Type: **not specified**

## **9.2. Radiobiological research at JINR: applications in radiation medicine and space exploration**

*Thursday, 13 June 2024 14:55 (25 minutes)*

**Presenter:** BUGAY, A.

**Session Classification:** 9. Scientific reports:

Contribution ID: 11

Type: **not specified**

## **10. Presentations of the new results and proposals by DLNP young scientists in the field of nuclear physics (6 reports)**

*Thursday, 13 June 2024 15:50 (1h 50m)*

Contribution ID: 12

Type: **not specified**

## **11. Closed discussion and voting for the best young scientists' presentations**

*Thursday, 13 June 2024 17:40 (20 minutes)*

Contribution ID: 13

Type: **not specified**

## **12. Meeting of the PAC members with the JINR Directorate**

*Friday, 14 June 2024 09:30 (30 minutes)*

**Session Classification:** Closed session

Contribution ID: 14

Type: **not specified**

## **13. Drafting the PAC recommendations including proposals for the agenda of the next PAC meeting**

*Friday, 14 June 2024 10:30 (2 hours)*

**Session Classification:** Closed session

Contribution ID: 15

Type: **not specified**

## **14. Presentation of the PAC recommendations to the directorates of JINR and the laboratories**

*Friday, 14 June 2024 12:30 (30 minutes)*



Contribution ID: 16

Type: **not specified**

## 15. Closing of the meeting

*Friday, 14 June 2024 13:00 (5 minutes)*