

# **62nd meeting of the PAC for Nuclear Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## 1. Opening of the meeting

*Thursday 22 January 2026 09:30 (10 minutes)*

**Presenter:** NESVIZHEVSKY, V.

Contribution ID: 2

Type: **not specified**

## **2. Implementation of the recommendations of the 61st PAC meeting**

*Thursday 22 January 2026 09:40 (20 minutes)*

**Presenter:** NESVIZHEVSKY, V.

Contribution ID: 3

Type: **not specified**

### **3. Information on the Resolution of the 138th session of the JINR Scientific Council (September 2025) and on the decisions of the JINR Committee of Plenipotentiaries (December 2025)**

*Thursday 22 January 2026 10:00 (20 minutes)*

**Presenter:** ITKIS, M.

Contribution ID: 4

Type: **not specified**

## **4. Proposal for opening a new project “Technological positron annihilation spectroscopy complex PASTech” within the theme “Advanced Studies of Systems of New-Generation Accelerators and Colliders for Fundamental and Applied Research”**

*Thursday 22 January 2026 10:20 (25 minutes)*

Referees: I. Mazumdar, V. Nesvizhevsky, E. Vardaci

**Presenter:** YAKOVENKO, S.

Contribution ID: 5

Type: **not specified**

## **5. Experiments at the SHE Factory and the status of the GASSOL setup**

*Thursday 22 January 2026 11:20 (25 minutes)*

Referees: D. Eremenko, M. Gaidarov, V. Tshivhase

**Presenter:** SOLOVYEV, D.

Contribution ID: 6

Type: **not specified**

## **6. Study of the chemical properties of superheavy elements at the SHE Factory**

*Thursday 22 January 2026 11:50 (25 minutes)*

Referees: I. Mazumdar, E. Vardaci, Qin Zhi

**Presenter:** AKSENOV, N.

Contribution ID: 7

Type: **not specified**

## 7. Detector DANSS. Status and modernization

*Thursday 22 January 2026 12:20 (25 minutes)*

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

**Presenter:** SHIRCHENKO, M.



Contribution ID: 8

Type: **not specified**

## **9.1. Multinucleon transfer reactions as a way to the island of stability**

*Thursday 22 January 2026 15:00 (25 minutes)*

**Presenter:** BOGACHEV, A.

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

Contribution ID: 9

Type: **not specified**

## **9.2. Measurement of differential and total scattering cross sections of 14.1 MeV neutrons on carbon nuclei: methodological aspects and results**

*Thursday 22 January 2026 15:30 (25 minutes)*

**Presenter:** PRUSACHENKO, P.

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

Contribution ID: **10**

Type: **not specified**

## **10. Presentations of the new results and proposals in the field of nuclear physics by DLNP young scientists (7 reports)**

*Thursday 22 January 2026 16:20 (1h 30m)*

Contribution ID: **11**

Type: **not specified**

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

*Thursday 22 January 2026 18:00 (30 minutes)*

Contribution ID: 12

Type: **not specified**

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

*Friday 23 January 2026 09:30 (1 hour)*

**Session Classification:** Closed session

Contribution ID: 13

Type: **not specified**

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

*Friday 23 January 2026 11:00 (1h 30m)*

Contribution ID: 14

Type: **not specified**

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

*Friday 23 January 2026 12:30 (30 minutes)*

Contribution ID: 15

Type: **not specified**

## 15. Closing of the meeting

*Friday 23 January 2026 13:00 (5 minutes)*



Contribution ID: **16**

Type: **not specified**

## **8. Status of double beta-decay experiments**

*Thursday 22 January 2026 14:30 (25 minutes)*

Referees: K. Hahn, V. Kuzminov, J. Lubián

**Presenter:** LUBASHEVSKIY, A.