

# **60th meeting of the PAC for Condensed Matter Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## 1. Opening of the meeting

*Monday 27 January 2025 10:00 (10 minutes)*

**Presenter:** NAGY, D. L.

Contribution ID: 2

Type: **not specified**

## **2. Implementation of the recommendations of the 59th PAC meeting**

*Monday 27 January 2025 10:10 (20 minutes)*

**Presenter:** NAGY, D. L.

Contribution ID: 3

Type: **not specified**

### **3. Information on the Resolution of the 136th session of the JINR Scientific Council (September 2024) and on the decisions of the Committee of Plenipotentiaries of the Governments of the JINR Member States (November 2024)**

*Monday 27 January 2025 10:30 (30 minutes)*

**Presenter:** KOSTOV, L.

Contribution ID: 4

Type: **not specified**

## **4. Information on the progress of work at IBR-2 in preparation for the reactor start-up**

*Monday 27 January 2025 11:00 (20 minutes)*

**Presenter:** LYCHAGIN, E.

Contribution ID: 5

Type: **not specified**

## **5. Development of a mathematical model for the dynamics of pulsed fast reactors: results and plans**

*Monday 27 January 2025 11:25 (20 minutes)*

**Presenter:** BULAVIN, M.

Contribution ID: 6

Type: **not specified**

## **6. Spectrometer complex of the IBR-2 high flux pulsed reactor: current state and recent developments**

*Monday 27 January 2025 12:05 (20 minutes)*

**Presenter:** KOZLENKO, D.

Contribution ID: 7

Type: **not specified**

## **7. Linear electron accelerator LINAC-200 as a core for a new test beam facility at DLNP JINR**

*Monday 27 January 2025 12:30 (20 minutes)*

**Presenter:** TRIFONOV, A.

Contribution ID: 8

Type: **not specified**

## **8.1. Neutron tomography for structural analysis of cement materials, rocks and meteorites**

*Monday 27 January 2025 14:00 (20 minutes)*

**Presenter:** ZEL, I.

**Session Classification:** 8. Scientific reports:

Contribution ID: 9

Type: **not specified**

## **8.2. Analysis of the A $\beta$ 42 conformational dynamics in lipid membrane mimetics: spectroscopic and atomistic study**

*Monday 27 January 2025 14:25 (20 minutes)*

**Presenter:** ESAWII, H.

**Session Classification:** 8. Scientific reports:

Contribution ID: **10**

Type: **not specified**

## 9. Poster session

*Monday 27 January 2025 15:05 (1 hour)*

Contribution ID: **11**

Type: **not specified**

## **10. Voting and selection of the best poster presentations**

*Monday 27 January 2025 16:05 (15 minutes)*

Contribution ID: 12

Type: **not specified**

## **11. Awarding the winners of the previous poster session**

*Monday 27 January 2025 16:20 (10 minutes)*

Contribution ID: 13

Type: **not specified**

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

*Monday 27 January 2025 16:30 (1 hour)*

**Session Classification:** Closed session

Contribution ID: 14

Type: **not specified**

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

*Monday 27 January 2025 17:30 (30 minutes)*

**Session Classification:** Closed session

Contribution ID: 15

Type: **not specified**

## 14. Closing of the meeting

*Monday 27 January 2025 18:00 (5 minutes)*