

# **54th meeting of the PAC for Condensed Matter Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## 1. Opening of the meeting

*Monday, June 28, 2021 10:00 AM (10 minutes)*

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

Contribution ID: 2

Type: **not specified**

## **2. Implementation of the recommendations of the previous PAC meeting**

*Monday, June 28, 2021 10:10 AM (15 minutes)*

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

Contribution ID: 3

Type: **not specified**

### **3. Information on the Resolution of the 129th session of the JINR Scientific Council (February 2021) and on the decisions of the JINR Committee of Plenipotentiaries (March 2021)**

*Monday, June 28, 2021 10:25 AM (20 minutes)*

**Presenters:** KOSTOV, L.; DMITRIEV, S.

Contribution ID: 4

Type: **not specified**

## **4. New "Neptun" neutron source at JINR: current state and future plans**

*Monday, June 28, 2021 10:45 AM (20 minutes)*

**Presenter:** BULAVIN, M.

Contribution ID: 5

Type: **not specified**

## **5. Small-angle neutron scattering spectrometer YuMO: status and prospects**

*Monday, June 28, 2021 11:10 AM (20 minutes)*

**Presenter:** IVANKOV, O.

Contribution ID: 6

Type: **not specified**

## **6. Report on the expiring theme "Radiation Physics, Radiochemistry, and Nanotechnology Investigations Using Beams of Accelerated Heavy Ions" and proposal for its extension**

*Monday, June 28, 2021 11:50 AM (25 minutes)*

Reviewers: P. Alekseev, V. Nikonenko, V. Uglov

**Presenter:** APEL, P.

Contribution ID: 7

Type: **not specified**

## **7.1. Report on project "Construction of a complex of cryogenic moderators at the IBR-2 facility"**

*Monday, June 28, 2021 12:20 PM (10 minutes)*

**Presenter:** MUKHIN, K.

**Session Classification:** 7. Prioritization of the JINR projects within the competence of the PAC for Condensed Matter Physics: following up the extraordinary PAC meeting held on 29 April 2021



Contribution ID: 8

Type: **not specified**

## **7.2. Report on project "New semiconductor detectors for fundamental and applied research"**

*Monday, June 28, 2021 12:40 PM (10 minutes)*

**Presenter:** SHELKOV, G.

**Session Classification:** 7. Prioritization of the JINR projects within the competence of the PAC for Condensed Matter Physics: following up the extraordinary PAC meeting held on 29 April 2021

Contribution ID: 9

Type: **not specified**

## **7.3. Report on the project "Development of experimental techniques and applied research with slow monochromatic positron beams"**

*Monday, June 28, 2021 1:00 PM (10 minutes)*

**Presenter:** SIEMEK, K.

**Session Classification:** 7. Prioritization of the JINR projects within the competence of the PAC for Condensed Matter Physics: following up the extraordinary PAC meeting held on 29 April 2021

Contribution ID: **10**

Type: **not specified**

## **7.4. General discussion about the project prioritization**

*Monday, June 28, 2021 1:20 PM (30 minutes)*

**Session Classification:** 7. Prioritization of the JINR projects within the competence of the PAC for Condensed Matter Physics: following up the extraordinary PAC meeting held on 29 April 2021

Contribution ID: 11

Type: **not specified**

## **8.1. Magnetic fluids and elastomers: structural studies for innovative applications**

*Monday, June 28, 2021 2:30 PM (15 minutes)*

**Presenter:** BALASOIU, M.

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

Contribution ID: 12

Type: **not specified**

## **8.2. Investigating model lipid membranes complementarily by neutron and Raman scattering**

*Monday, June 28, 2021 2:50 PM (15 minutes)*

**Presenters:** SOLOVIOV, D.; ARYNBEK, Y.

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

Contribution ID: 13

Type: **not specified**

## **9. Virtual poster presentations by young scientists**

*Monday, June 28, 2021 3:10 PM (1h 15m)*

Contribution ID: 14

Type: **not specified**

## **10. Selection of the best virtual posters**

*Monday, June 28, 2021 4:25 PM (15 minutes)*

Contribution ID: 15

Type: **not specified**

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

*Monday, June 28, 2021 5:00 PM (1 hour)*

**Session Classification:** Closed session



Contribution ID: 16

Type: **not specified**

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

*Monday, June 28, 2021 6:00 PM (30 minutes)*

**Session Classification:** Closed session

Contribution ID: 17

Type: **not specified**

## **13. Closing of the meeting**

*Monday, June 28, 2021 6:30 PM (5 minutes)*