

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

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## 1. Opening of the meeting

*Monday, 22 January 2024 09:00 (5 minutes)*

**Presenter:** TSERRUYA, I.

Contribution ID: 2

Type: **not specified**

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

*Monday, 22 January 2024 09:05 (15 minutes)*

**Presenter:** TSERRUYA, I.

Contribution ID: 3

Type: **not specified**

**3. Information on the Resolution of the 134th session  
of the JINR Scientific Council (September 2023) and  
on the decisions of the Committee of  
Plenipotentiaries of the Governments of the JINR  
Member States (November 2023)**

*Monday, 22 January 2024 09:20 (20 minutes)*

**Presenter:** KEKELIDZE, V.

Contribution ID: 5

Type: **not specified**

## 4.1. Realization of the Nuclotron-NICA project

*Monday, 22 January 2024 09:40 (20 minutes)*

**Presenter:** SIDORIN, A.

**Session Classification:** 4. Reports on the ongoing projects:

Contribution ID: 6

Type: **not specified**

## 4.2. Infrastructure developments including the Nuclotron

*Monday, 22 January 2024 10:00 (20 minutes)*

**Presenter:** AGAPOV, N.

**Session Classification:** 4. Reports on the ongoing projects:

Contribution ID: 7

Type: **not specified**

## 4.3. Implementation of the MPD project

*Monday, 22 January 2024 10:20 (20 minutes)*

**Presenter:** RYABOV, V.

**Session Classification:** 4. Reports on the ongoing projects:

Contribution ID: 8

Type: **not specified**

## 4.4. Implementation of the BM@N project

*Monday, 22 January 2024 10:40 (20 minutes)*

**Presenter:** KAPISHIN, M.

**Session Classification:** 4. Reports on the ongoing projects:



Contribution ID: 9

Type: **not specified**

## 5. Report on the TDR of the SPD Detector

*Monday, 22 January 2024 11:20 (20 minutes)*

**Presenter:** GUSKOV, A.

Contribution ID: **11**

Type: **not specified**

## **6.1. SCAN-3**

*Monday, 22 January 2024 11:40 (20 minutes)*

Referees: Yu. Tikhonov, A. Stavinsky, A. Litvinenko

**Presenter:** AFANASIEV, S.

**Session Classification:** 6. Reports on projects approved for completion in 2024 and proposals for their continuation:

Contribution ID: 12

Type: **not specified**

## 6.2. ALPOM-2

*Monday, 22 January 2024 12:00 (20 minutes)*

Referees: E. Boos, Yu. Uzikov, A. Zarubin

**Presenter:** PISKUNOV, N.

**Session Classification:** 6. Reports on projects approved for completion in 2024 and proposals for their continuation:

Contribution ID: 13

Type: **not specified**

## 6.3. DSS

*Monday, 22 January 2024 12:20 (20 minutes)*

Referees: O. Teryaev, Yu. Panebrattsev,

**Presenter:** LADYGIN, V.

**Session Classification:** 6. Reports on projects approved for completion in 2024 and proposals for their continuation:

Contribution ID: 14

Type: **not specified**

## **7.1. FLAP - Fundamental and applied physics using beams of relativistic accelerated electrons**

*Monday, 22 January 2024 12:40 (20 minutes)*

Referees: S. Kuleshov, S. Dabagov, I. Konoplev

**Presenter:** BALDIN, A.

**Session Classification:** 7. Proposal of the new projects:

Contribution ID: 15

Type: **not specified**

## 7.2. HyperNIS+SRC

*Monday, 22 January 2024 14:00 (20 minutes)*

Referees: M. Djordjevic, S. Sedykh, M. Tokarev

**Presenter:** AVERYANOV, A.

**Session Classification:** 7. Proposal of the new projects:

Contribution ID: 16

Type: **not specified**

## 8.1. ALICE

*Monday, 22 January 2024 14:20 (20 minutes)*

**Presenter:** ROGOCHAYA, E.

**Session Classification:** 8. Reports on the research results obtained by the JINR groups in the LHC experiments:

Contribution ID: 17

Type: **not specified**

## 8.2. ATLAS

*Monday, 22 January 2024 14:40 (20 minutes)*

**Presenter:** KHRAMOV, E.

**Session Classification:** 8. Reports on the research results obtained by the JINR groups in the LHC experiments:



Contribution ID: **18**

Type: **not specified**

## **8.3. CMS**

*Monday, 22 January 2024 15:00 (20 minutes)*

**Presenter:** KARJAVIN, V.

**Session Classification:** 8. Reports on the research results obtained by the JINR groups in the LHC experiments:

Contribution ID: 21

Type: **not specified**

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

*Monday, 22 January 2024 16:20 (30 minutes)*

**Session Classification:** 10. Closed session

Contribution ID: 22

Type: **not specified**

## **10.2. PAC's recommendations including proposals for the next PAC meeting**

*Monday, 22 January 2024 16:50 (30 minutes)*

**Session Classification:** 10. Closed session

Contribution ID: 23

Type: **not specified**

## **11. Poster presentations by young scientists in the field of particle physics**

*Monday, 22 January 2024 17:20 (1 hour)*

Contribution ID: 24

Type: **not specified**

## 12. Closing of the meeting

*Monday, 22 January 2024 18:20 (5 minutes)*

Contribution ID: 28

Type: **not specified**

## 9.1. Status of the COMET experiment

*Monday, 22 January 2024 15:40 (20 minutes)*

**Presenter:** CHOKHELLI, D.

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

Contribution ID: 29

Type: **not specified**

## 9.2. Preparation of the SRC experiment

*Monday, 22 January 2024 16:00 (20 minutes)*

**Presenter:** PATSYUK, M.

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