

# **58th meeting of the PAC for Particle Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## 1. Opening of the meeting

*Wednesday 21 June 2023 09:00 (5 minutes)*

**Presenter:** TSERRUYA, I.

Contribution ID: 2

Type: **not specified**

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

*Wednesday 21 June 2023 09:05 (15 minutes)*

**Presenter:** TSERRUYA, I.

Contribution ID: 3

Type: **not specified**

**3. Information on the Resolution of the 133rd session of the JINR Scientific Council (February 2023) and on the decisions of the Committee of Plenipotentiaries of the Governments of the JINR Member States (March 2023)**

*Wednesday 21 June 2023 09:20 (20 minutes)*

**Presenter:** KEKELIDZE, V.

Contribution ID: 4

Type: **not specified**

## **4.1. Realization of the Nuclotron-NICA project**

*Wednesday 21 June 2023 09:40 (20 minutes)*

**Presenter:** SIDORIN, A.

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

Contribution ID: 5

Type: **not specified**

## **4.2. Infrastructure developments, including the Nuclotron**

*Wednesday 21 June 2023 10:20 (20 minutes)*

**Presenter:** AGAPOV, N.

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

Contribution ID: 6

Type: **not specified**

## 4.3. Implementation of the MPD project

*Wednesday 21 June 2023 10:40 (20 minutes)*

**Presenter:** RIABOV, V.

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

Contribution ID: 7

Type: **not specified**

## **4.4. Implementation of the BM@N project, including the physics results from the Xe beam run**

*Wednesday 21 June 2023 11:00 (20 minutes)*

**Presenter:** KAPISHIN, M.

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



Contribution ID: 8

Type: **not specified**

## **5. Report on the preparation of the TDR for the SPD Detector**

*Wednesday 21 June 2023 11:20 (20 minutes)*

**Presenter:** GUSKOV, A.

Contribution ID: 9

Type: **not specified**

## 6.1. ALICE

*Wednesday 21 June 2023 11:40 (20 minutes)*

**Presenter:** BATYUNYA, B.

**Session Classification:** 6. Reports on the scientific results obtained by the JINR groups in the LHC experiments:

Contribution ID: **10**

Type: **not specified**

## **6.2. ATLAS**

*Wednesday 21 June 2023 12:00 (20 minutes)*

**Presenter:** LYUBUSHKINA, T.

**Session Classification:** 6. Reports on the scientific results obtained by the JINR groups in the LHC experiments:

Contribution ID: **11**

Type: **not specified**

## **6.3. CMS**

*Wednesday 21 June 2023 12:20 (20 minutes)*

**Presenter:** KARJAVIN, V.

**Session Classification:** 6. Reports on the scientific results obtained by the JINR groups in the LHC experiments:

Contribution ID: 12

Type: **not specified**

## 7.1. NA64

*Wednesday 21 June 2023 14:00 (20 minutes)*

Referees: P. Hristov, A. Olshevskiy

**Presenter:** PESHEKHONOV, D.

**Session Classification:** 7. Reports on the projects terminating in 2023 and proposals for their extension:

Contribution ID: 13

Type: **not specified**

## 7.2. SCAN-3

*Wednesday 21 June 2023 14:20 (20 minutes)*

Referees: A. Kotzinian, A. Stavinsky, A. Litvinenko

**Presenter:** AFANASIEV, S.

**Session Classification:** 7. Reports on the projects terminating in 2023 and proposals for their extension:

Contribution ID: 14

Type: **not specified**

## 7.3. BES-III

*Wednesday 21 June 2023 15:00 (20 minutes)*

Referees: Fuqiang Wang, V. Saleev

**Presenter:** DENISENKO, I.

**Session Classification:** 7. Reports on the projects terminating in 2023 and proposals for their extension:

Contribution ID: 15

Type: **not specified**

## 7.4. TAIGA

*Wednesday 21 June 2023 15:20 (20 minutes)*

Referees: E. Boos, M. Ivanov

**Presenter:** BORODIN, A.

**Session Classification:** 7. Reports on the projects terminating in 2023 and proposals for their extension:



Contribution ID: **16**

Type: **not specified**

## 7.5. JUNO

*Wednesday 21 June 2023 15:40 (20 minutes)*

Referees: A. Ereditato, E. Yakushev

**Presenter:** NAUMOV, D.

**Session Classification:** 7. Reports on the projects terminating in 2023 and proposals for their extension:

Contribution ID: 17

Type: **not specified**

## 7.6. NOvA/DUNE

*Wednesday 21 June 2023 16:00 (20 minutes)*

Referees: A. Ereditato, V. Karjavin

**Presenter:** KOLUPAEVA, L.

**Session Classification:** 7. Reports on the projects terminating in 2023 and proposals for their extension:

Contribution ID: 18

Type: **not specified**

## **7.7. Multifunctional Information and Computing Complex (MICC)**

*Wednesday 21 June 2023 16:20 (20 minutes)*

Referees: L. Jenkovsky, A. Bogdanov

**Presenter:** KORENKOV, V.

**Session Classification:** 7. Reports on the projects terminating in 2023 and proposals for their extension:

Contribution ID: 19

Type: **not specified**

## **8.1. Mathematical methods, algorithms and software for modeling physics processes and experimental facilities, processing and analyzing experimental data**

*Wednesday 21 June 2023 16:40 (20 minutes)*

Referees: M. Djordjevic, A. Cheplakov

**Presenter:** SHMATOV, S.

**Session Classification:** 8. Proposals of the new projects:

Contribution ID: **20**

Type: **not specified**

## **8.2. AMBER**

*Wednesday 21 June 2023 17:00 (20 minutes)*

Referees: Yu. Tikhonov, A. Arbuzov

**Presenter:** GUSKOV, A.

**Session Classification:** 8. Proposals of the new projects:

Contribution ID: 21

Type: **not specified**

## **10. Poster presentations by young scientists on research in the field of particle physics**

*Wednesday 21 June 2023 18:00 (1 hour)*

Contribution ID: 22

Type: **not specified**

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

*Thursday 22 June 2023 09:00 (40 minutes)*

**Session Classification:** Closed session

Contribution ID: 23

Type: **not specified**

## **09. Report on the new structure of research themes and projects in the field of particle physics at BLTP**

*Wednesday 21 June 2023 17:20 (20 minutes)*

**Presenter:** KAZAKOV, D.



Contribution ID: 24

Type: **not specified**

## **12. Written reports on the projects approved for completion in 2023: PANDA, COMPASS**

*Thursday 22 June 2023 09:40 (10 minutes)*

Contribution ID: 25

Type: **not specified**

## 13. General discussion

*Thursday 22 June 2023 10:20 (1 hour)*

Contribution ID: 26

Type: **not specified**

## **14. PAC recommendations and proposals for the agenda of the next PAC meeting**

*Thursday 22 June 2023 11:20 (30 minutes)*

**Session Classification:** Closed session

Contribution ID: 27

Type: **not specified**

## 15. Closing of the meeting

*Thursday 22 June 2023 11:50 (5 minutes)*