

# **55th meeting of the PAC for Particle Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## 1. Opening of the meeting

*Monday, 21 June 2021 15:00 (5 minutes)*

**Presenter:** TSERRUYA, I.

Contribution ID: 2

Type: **not specified**

## 2. Paying the tribute to the memory of Jean Cleymans

*Monday, 21 June 2021 15:05 (5 minutes)*

Contribution ID: 3

Type: **not specified**

### 3. JINR news

*Monday, 21 June 2021 15:10 (20 minutes)*

**Presenter:** KEKELIDZE, V.

Contribution ID: 5

Type: **not specified**

## 4.1. Implementation of the Nuclotron-NICA project

*Monday, 21 June 2021 15:30 (20 minutes)*

**Presenter:** SIDORIN, A.

**Session Classification:** 4. Reports on the ongoing projects with regard for the pandemic situation:

Contribution ID: 6

Type: **not specified**

## 4.2. Infrastructure developments including the Nuclotron

*Monday, 21 June 2021 15:50 (20 minutes)*

**Presenter:** AGAPOV, N.

**Session Classification:** 4. Reports on the ongoing projects with regard for the pandemic situation:

Contribution ID: 7

Type: **not specified**

## 4.3. Implementation of the MPD project

*Monday, 21 June 2021 16:10 (20 minutes)*

**Presenter:** KISIEL, A.

**Session Classification:** 4. Reports on the ongoing projects with regard for the pandemic situation:

Contribution ID: 8

Type: **not specified**

## 7.1. BM@N

*Monday, 21 June 2021 17:50 (20 minutes)*

Referees: P. Zavada, B. Batyunya, M. Tokarev

**Presenter:** KAPISHIN, M.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:



Contribution ID: 9

Type: **not specified**

## 7.3. NA62

*Monday, 21 June 2021 18:30 (20 minutes)*

Referees: H. Gutbrod, G. Shelkov, D. Peshekhonov

**Presenter:** MADIGOZHIN, D.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:

Contribution ID: **10**

Type: **not specified**

## 7.4. ALPOM-2

*Monday, 21 June 2021 18:50 (20 minutes)*

Referees: S. Dubnicka, Yu. Uzikov, A. Zarubin

**Presenter:** PISKUNOV, N.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:

Contribution ID: **11**

Type: **not specified**

## 7.5. STAR

*Tuesday, 22 June 2021 15:00 (20 minutes)*

Referees: L. Musa, V. Ladygin, M. Hnatic

**Presenter:** PANEBRATTSEV, Yu.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:

Contribution ID: **12**

Type: **not specified**

## 7.6. DSS

*Tuesday, 22 June 2021 15:20 (20 minutes)*

Referees: L. Jenkovszky, V. Glagolev, V. Burov

**Presenter:** JANEK, M.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:

Contribution ID: **13**

Type: **not specified**

## 7.7. HADES

*Tuesday, 22 June 2021 15:40 (20 minutes)*

Referees: F. Wang, A. Baldin, M. Tokarev

**Presenter:** LADYGIN, V.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:

Contribution ID: 14

Type: **not specified**

## 7.8. NA61

*Tuesday, 22 June 2021 16:00 (20 minutes)*

Referees: P. Hristov, V. Burov, A. Baldin

**Presenter:** DMITRIEV, A.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:

Contribution ID: 15

Type: **not specified**

## 7.2. COMET

*Monday, 21 June 2021 18:10 (20 minutes)*

Referees: E. Boos, A. Ereditato, A. Dorokhov, A. Cheplakov

**Presenter:** TSAMALAI DZE, Z.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:

Contribution ID: 16

Type: **not specified**

## **7.9. Precision laser metrology for accelerators and detector complexes**

*Tuesday, 22 June 2021 16:20 (20 minutes)*

Referees: H. Gutbrod, P. Hristov, V. Grebenyuk, V. Nikitin

**Presenter:** LYABLIN, M.

**Session Classification:** 7. Reports on projects approved for completion in 2021 and proposals for their continuation:



Contribution ID: 17

Type: **not specified**

## 5.1. T2K-II/Hyper-Kamiokande

*Monday, 21 June 2021 16:30 (20 minutes)*

Referees: A. Ereditato, V. Naumov, E. Yakushev

**Presenter:** GLAGOLEV, V.

**Session Classification:** 5. Proposals for new projects:

Contribution ID: **18**

Type: **not specified**

## 5.2. Upgrade of the CMS Detector

*Monday, 21 June 2021 16:50 (20 minutes)*

Referees: P. Zavada, Yu. Davydov, A. Cheplakov

**Presenter:** KARJAVINE, V.

**Session Classification:** 5. Proposals for new projects:

Contribution ID: **19**

Type: **not specified**

## 8.1. ARIEL

*Tuesday, 22 June 2021 16:40 (5 minutes)*

**Presenter:** KALINOVSKAYA, L.

**Session Classification:** 8. Written reports on projects approved for completion in 2021:

Contribution ID: **20**

Type: **not specified**

## 8.2. HyperNIS

*Tuesday, 22 June 2021 16:45 (5 minutes)*

**Presenter:** KRIVENKOV, D.

**Session Classification:** 8. Written reports on projects approved for completion in 2021:

Contribution ID: **21**

Type: **not specified**

## 9.1. ALICE

*Tuesday, 22 June 2021 17:00 (20 minutes)*

**Presenter:** BATYUNYA, B.

**Session Classification:** 9. Reports on the scientific results obtained by the JINR groups in the LHC experiments:

Contribution ID: 22

Type: **not specified**

## 9.2. ATLAS

*Tuesday, 22 June 2021 17:20 (20 minutes)*

**Presenter:** LYUBUSHKIN, V.

**Session Classification:** 9. Reports on the scientific results obtained by the JINR groups in the LHC experiments:

Contribution ID: 23

Type: **not specified**

## 9.3. CMS

*Tuesday, 22 June 2021 17:40 (20 minutes)*

**Presenter:** SAVINA, M.

**Session Classification:** 9. Reports on the scientific results obtained by the JINR groups in the LHC experiments:

Contribution ID: 24

Type: **not specified**

## **6. Scientific report "Current and future neutrino experiments at accelerators"**

*Monday, 21 June 2021 17:20 (30 minutes)*

**Presenter:** KUDENKO, Yu.



Contribution ID: 25

Type: **not specified**

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

*Tuesday, 22 June 2021 18:00 (20 minutes)*

**Session Classification:** Closed session

Contribution ID: 26

Type: **not specified**

## **11. PAC recommendations including proposals for the next PAC meeting**

*Tuesday, 22 June 2021 18:20 (1 hour)*

**Session Classification:** Closed session

Contribution ID: 27

Type: **not specified**

## 12. Adjournment

*Tuesday, 22 June 2021 19:20 (5 minutes)*