

# **50th meeting of the PAC for Nuclear Physics**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# 1. Opening of the meeting

*Monday, 24 June 2019 10:00 (5 minutes)*

**Presenter:** LEWITOWICZ, M.

Contribution ID: 1

Type: **not specified**

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

*Monday, 24 June 2019 10:05 (20 minutes)*

**Presenter:** LEWITOWICZ, M.

Contribution ID: 2

Type: **not specified**

### **3. Information on the Resolution of the 125th session of the JINR Scientific Council (February 2019) and on the decisions of the JINR Committee of Plenipotentiaries (March 2019)**

*Monday, 24 June 2019 10:25 (20 minutes)*

**Presenter:** ITKIS, M.

Contribution ID: 3

Type: **not specified**

## **4. Report on the theme "Information and Computing Infrastructure of JINR" and proposal for its extension**

*Monday, 24 June 2019 10:45 (20 minutes)*

Referees: Z. Vilakazi, I. Stekl, V. Bednyakov, I. Golutvin 5'

**Presenter:** STRIZH, T.

Contribution ID: 4

Type: **not specified**

## **5. First results of the experiments with the ACCULINNA-2 fragment separator**

*Monday, 24 June 2019 11:50 (20 minutes)*

Referees: A. Korshennikov, C. Beck, E. Vardaci 5'

**Presenter:** FOMICHEV, A.

Contribution ID: 5

Type: **not specified**

**6. Proposal for the opening of a new project  
"Construction of a prototype of the initial section of a  
high-current heavy-ion linear accelerator aimed at  
producing intense radioactive ion beams for basic  
research"**

*Monday, 24 June 2019 12:15 (20 minutes)*

Referees: A. Korshennikov, S. Hofmann, M. Lewitowicz, A. Maj 5'

**Presenter:** GRIGORENKO, L.

Contribution ID: 6

Type: **not specified**

**7. Report on the theme "Investigations of Neutron Nuclear Interactions and Properties of the Neutron" and its project. Proposals for extension of the theme and project:**

*Monday, 24 June 2019 15:00 (1h 25m)*



Contribution ID: 7

Type: **not specified**

## 7.1. Project TANGRA

*Monday, 24 June 2019 15:00 (20 minutes)*

Referees: Guinyun Kim, V. Ostashko, C. Petitjean, V. Egorov, A. Popov 5'

### **Summary**

**Presenter:** KOPATCH, Yu.

Contribution ID: 8

Type: **not specified**

## **7.2. Report on the theme "Investigations of Neutron Nuclear Interactions and Properties of the Neutron"**

*Monday, 24 June 2019 15:25 (25 minutes)*

Referees: V. Nesvizhevsky, Guinyun Kim, F. Piquemal, A. Barabanov, O. Shcherbakov 5'

### **Summary**

**Presenter:** LYCHAGIN, E.

Contribution ID: 9

Type: **not specified**

**7.3. Letter of intent to open a new project:  
"Construction of a prototype of the set-up for  
measurement of the neutron lifetime using the  
time-of-flight method"**

*Monday, 24 June 2019 15:55 (10 minutes)*

Referees: V. Ostashko, V. Nesvizhevsky, C. Petitjean 5'

**Presenter:** KUZNETSOV, V.

Contribution ID: 10

Type: **not specified**

## **7.4. Letter of intent to open a new project: "Construction of a prototype of the polarized nuclear target"**

*Monday, 24 June 2019 16:10 (10 minutes)*

Referees: V. Nesvizhevsky, A. Maj, F. Piquemal 5'

**Presenter:** NOVITSKY, V.

Contribution ID: **11**

Type: **not specified**

## **8. Poster presentations by young scientists**

*Monday, 24 June 2019 16:30 (40 minutes)*

Contribution ID: 12

Type: **not specified**

## **9. Closed discussion of the poster presentations**

*Monday, 24 June 2019 17:10 (10 minutes)*

Contribution ID: 13

Type: **not specified**

## **10. Information about the proposal for the opening of a new theme "Development of the Conceptual Design of a New Advanced Neutron Source at JINR"**

*Monday, 24 June 2019 17:20 (20 minutes)*

**Presenter:** SHVETSOV, V.

Contribution ID: 14

Type: **not specified**

## **11. Progress report on the E&T&RM project and proposal for its extension**

*Monday, 24 June 2019 17:40 (20 minutes)*

Referees: I. Stekl, E. Vardaci, Z. Vilakazi, Guinyun Kim, A. Kievitskaya, Yu. Titarenko 5'

### **Summary**

**Presenter:** BALDIN, A.



Contribution ID: 15

Type: **not specified**

## 12. General discussion

*Monday, 24 June 2019 18:20 (30 minutes)*

Contribution ID: 16

Type: **not specified**

## **13. Announcement of the authors of the best poster presentations**

*Monday, 24 June 2019 18:50 (5 minutes)*

**Presenter:** LEWITOWICZ, M.

Contribution ID: 17

Type: **not specified**

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

*Tuesday, 25 June 2019 09:30 (30 minutes)*

### **Summary**

Contribution ID: 18

Type: **not specified**

## **15. Report on the project "GDH&SPASCHARM&NN: Study of the nucleon spin structure in strong and electromagnetic interactions" and proposal for its extension**

*Tuesday, 25 June 2019 10:20 (20 minutes)*

Referees: C. Petitjean, F. Piquemal, C. Beck, E. Vardaci, V. Ladygin, V. Pavlov 5'

**Presenter:** UZIKOV, Yu.

Contribution ID: 20

Type: **not specified**

## **17. Proposals for the agenda of the next PAC meeting**

*Tuesday, 25 June 2019 11:10 (20 minutes)*

**Session Classification:** Closed session

Contribution ID: 21

Type: **not specified**

## **18. Preparation of the PAC recommendations**

*Tuesday, 25 June 2019 11:30 (1h 30m)*

**Session Classification:** Closed session

Contribution ID: 22

Type: **not specified**

## **19. PAC recommendations**

*Tuesday, 25 June 2019 13:00 (20 minutes)*

**Session Classification:** Closed session

Contribution ID: 23

Type: **not specified**

## **20. Closing of the meeting**

*Tuesday, 25 June 2019 13:20 (10 minutes)*



Contribution ID: 24

Type: **not specified**

## **21. Visit to the Laboratory of Information Technologies**

*Tuesday, 25 June 2019 14:00 (2 hours)*

### **Summary**

**Presenters:** STRIZH, T.; SKOBELEV, N.

Contribution ID: 25

Type: **not specified**

## **16. Scientific report "Transverse momentum distributions of hadrons in the Tsallis nonextensive statistics"**

*Tuesday, 25 June 2019 10:45 (20 minutes)*

**Presenter:** PARVAN, A.