



VIII SPD Collaboration meeting, Dubna, JINR, Nov. 5-8, 2024

---

# REPORT OF SPOKESPERSONS

*A. Guskov*  
*V. Kim*

# VII COLLABORATION MEETING IN ALMATY

---

- >60 participants in person from 11 participating institutes
- ~60 participants via ZOOM
- 57 talks



# INTERACTION WITH SPD DETECTOR ADVISORY COMMITTEE

---

## SPD DAC members

---

Prof. Eduard Kistenev

Brookhaven National  
Laboratory (retired)  
*PHENIX/sPHENIX*



Prof. Heng Yuekun

IHEP CAS  
*BESIII, Daya Bay, JUNO*



Prof. Huang Xingtao

Shandong University  
*BESIII, STCF, Daya Bay, JUNO*



Prof. Ivan Logashenko (chair)

BINP, Novosibirsk  
*CMD-2, CMD-3 (BINP),  
Muon G-2 (BNL, FNAL), SCTF*



- DAC meeting, Jan.25, 2024

Start-up meeting

- DAC meeting, Feb.6, 2024

Discussion with spokespersons

- DAC meeting, Feb.27, 2024

Presentations by SPD collaboration

- List of questions, May 7, 2024

- DAC meeting, June 4, 2024

Discussion of responses

# SPD DAC REPORT AT THE SESSION OF JINR PROGRAM ADVISORY COMMITTEE FOR PARTICLE PHYSICS (I, LOGASHENKO, JUNE, 17)

---

## Summary from SPD DAC (1)

---

- We congratulate the collaboration for the great works done over last years
- We are thankful to the collaboration for the presentations, additional materials and comprehensive answers to our questions
- SPD is an ongoing project and the presented TDR does not represent the final description of the SPD setup. Nevertheless it is a well-prepared and comprehensive document which provides enough information for the review.
- We recommend to the PAC to approve the current version of the TDR assuming that finalization of the subsystems configuration will naturally take place at the next stage of elaboration.
- We haven't identified any particular item which would put under risk the whole project.
- We fully support the staged approach to the development of experiment and find it important to have the detector ready for stage 1 operation as soon as possible

# SPD DAC REPORT AT THE SESSION OF JINR PROGRAM ADVISORY COMMITTEE FOR PARTICLE PHYSICS (I, LOGASHENKO, JUNE, 17)

## Summary from SPD DAC (2)

---

- We support the idea of installing parts of ECAL (that can be ready in time) for the stage 1 operation
- We recommend to put the highest priority to finalizing the complete assembly and interfaces scheme for the full detector setup. The construction for major subsystems can start only after.
- We recommend to switch to procurement/construction for the materials and the parts of detector for which the final design is ready
- Development and production of detector electronics seems to be the key risk factor.
- We find the computing infrastructure as the one of the most challenging factors for the experiment and support the idea of sharing resources between all NICA experiments
- We recommend to organize joined working group between SPD collaboration and NICA accelerator team to enhance detector-accelerator collaboration in preparation for stage 1 operation

# PAC RECOMMENDATIONS

---

## III. Reports on the ongoing projects

The PAC takes note of the status of the SPD project at NICA presented by A. Guskov. The experiment is dedicated to the study of the spin structure of proton and deuteron using high-luminosity collisions of polarized beams. After submitting the Conceptual Design Report, the international SPD collaboration, which currently includes more than 400 scientists from more than 30 research centers, prepared the Technical Design Report for the SPD experiment. As part of the preparation of these reports, R&D on the main subsystems of the experimental setup was carried out, and prototypes of the main elements of the detector were produced. The team is now planning to start building the subsystems of the first phase, which include a muon system, a superconducting solenoid and an associated cryogenic system, a straw-tube-based track detector, a beam-beam collision counter (BBC), an MCP-based beam collision detector, a Micromegas-based central tracker, a zero-degree calorimeter (ZDC), the end-cap part of an electromagnetic calorimeter, a data acquisition system, a slow control system, a gas distribution system, supporting structures and corresponding IT infrastructure.

The SPD Detector Advisory Committee conducted a thorough review of the updated SPD TDR and held several meetings with the representatives of the SPD collaboration, where questions were asked about the design and readiness of the Collaboration to start implementation of the first phase of the SPD project. Prof. I. Logashenko, Chairman of the SPD DAC, presented the evaluation report of the DAC. The PAC thanks the DAC for this review and emphasizes the importance of regular communication between the SPD Collaboration and this Committee.

Recommendation. The PAC appreciates the achievements of the SPD team in updating the physics program of the experiment, and performing numerous R&D's for preparation of the Conceptual and Technical Design Reports of the detector. The PAC recommends extending the SPD project for 5 years until the end of 2029 with ranking A.

PAC also requested the SPD status report talk at the winter session in Jan, 2025



## SUPPORTING PROGRAMME FORM **RUSSIAN MINISTRY OF EDUCATION AND SCIENCE**

- All Russian groups from **subordinated organisations** participating in works at NICA (excluding KI, MSU, SPbSU, HSE University.) and **signed MoU**
- **200 MRUB** (~2.2 M\$) in 2024 for all NICA activities: (MPD, BM@N, SPD, ARIADNA collaborations, accelerator)
- Via government assignment
- Programme will be extended to the next few years
- Some delay with money for universities
- **~60 MRUB (650 k\$) for SPD**
- Supported groups: **MEPhI, Lebedev Ins., Samara Univ., SPbPU, Tomsk Univ., Belgorod Univ., INR, BINP**



## SUPPORTING PROGRAMME FORM **JINR** FOR OTHER GROUPS

---

- ▶ July 2024 - Nov 2024
- ▶ **~2.5 MRUB (27 k\$) for SPD**
- ▶ 5 groups: PNPI, SINP MSU, SPbSU, INP, AANL, Almaty, Havana Univ.
- ▶ Payment to the contractors (including students and PhD students) and visits to JINR
- ▶ **Deadline for reports: 15.11.2024**



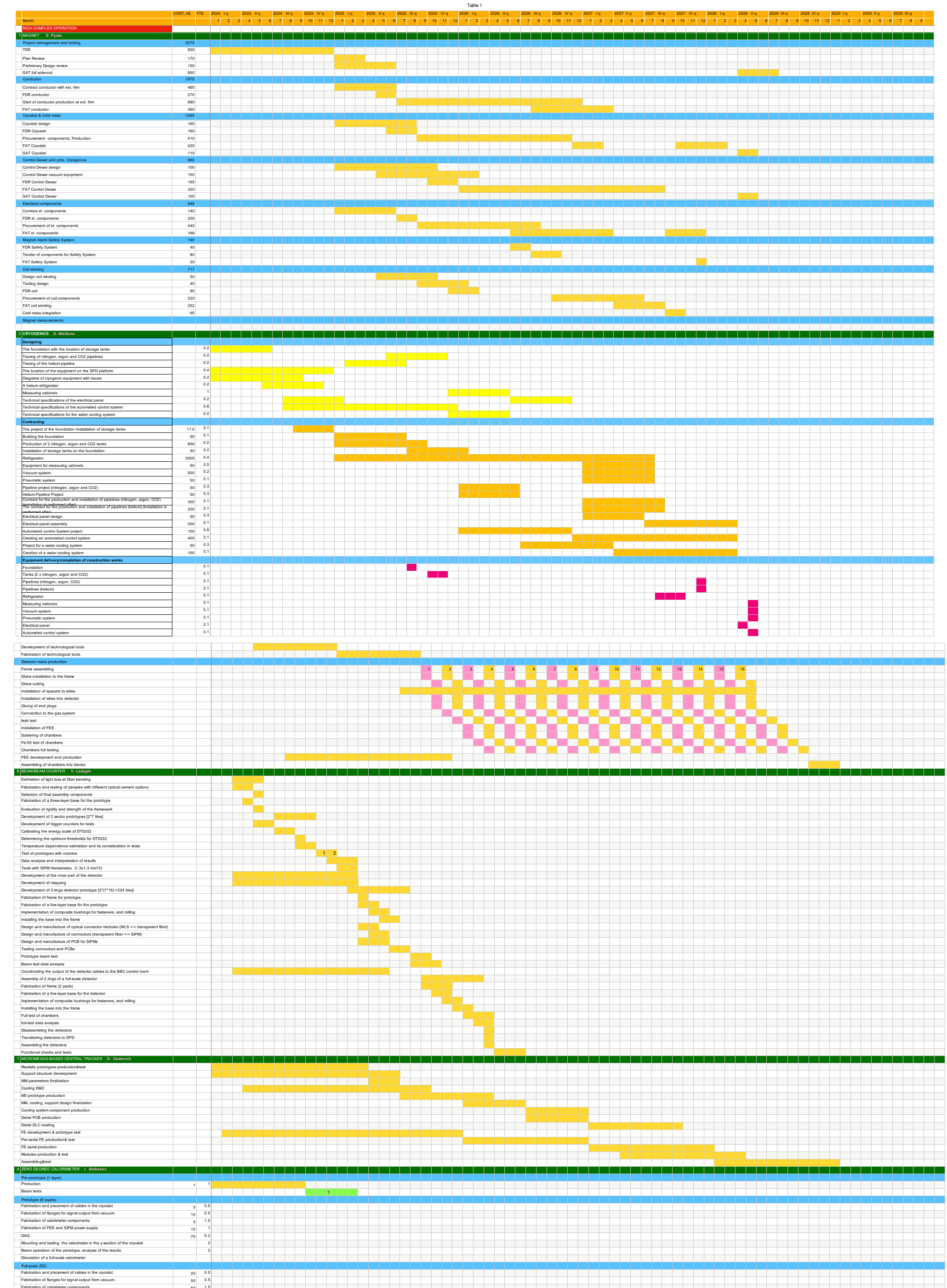
# NICA LAUNCH PLANS

## ➤ 13.6.24 - NICA technological launch

	2024 Dec.	2025 Jan	Feb	Mar	Apr	May	June	July	August	Sept	
Integrated tests of collider systems		Green bar									
West arc cooling		Blue bar									
East arc cooling			Blue bar								
Booster cooling		Green bar	Blue bar								
Beam in Booster			Red bar								
Nuclotron cooling				Green bar	Blue bar						
Beams in Nuclotron					Red bar						
Channels tuning						Green bar	Red bar				
Injection to NICA							Red bar				
Acceleration in NICA								Red bar			
MPD fixed-target program start									Purple bar		

# NEXT-YEAR PLANS

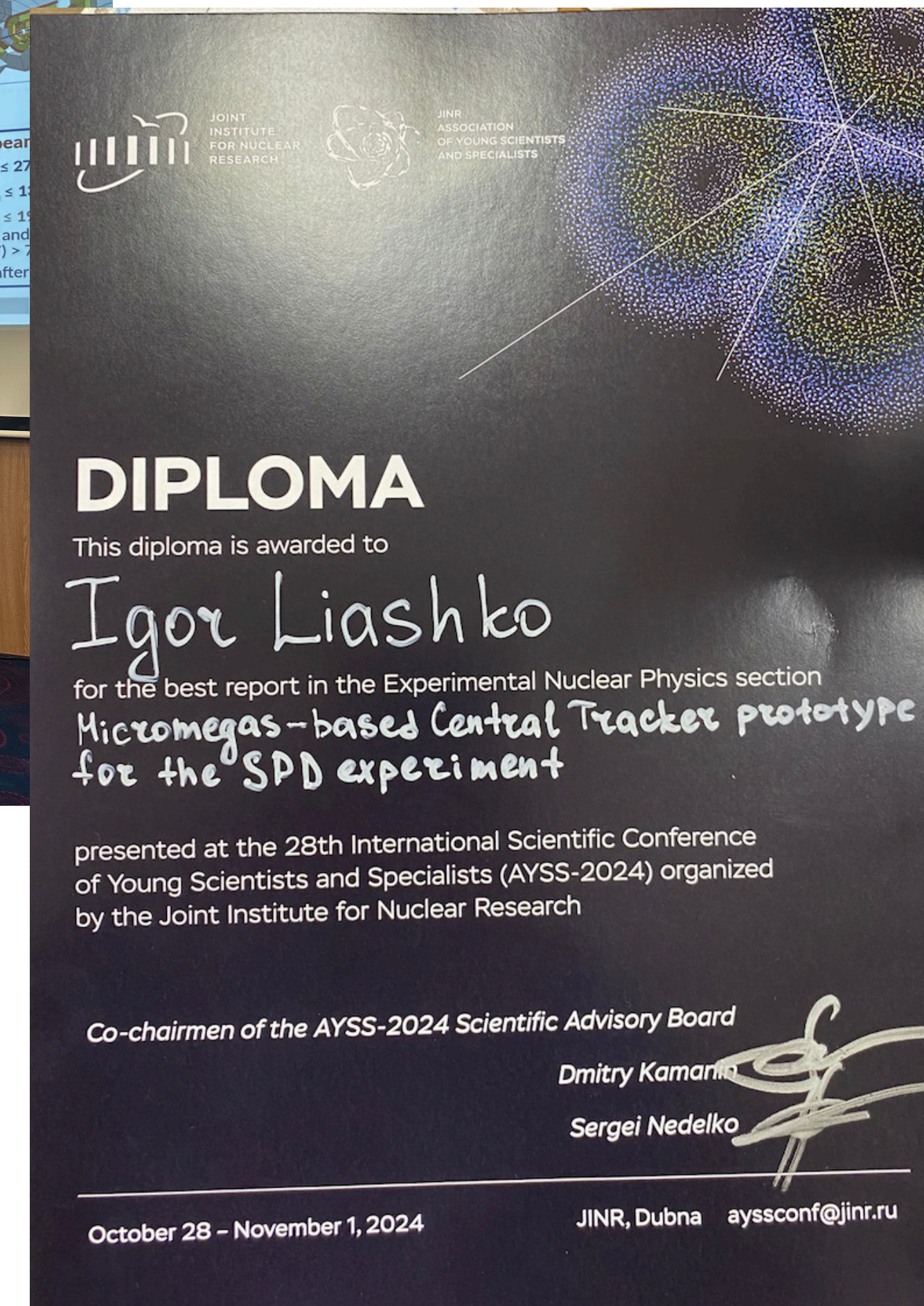
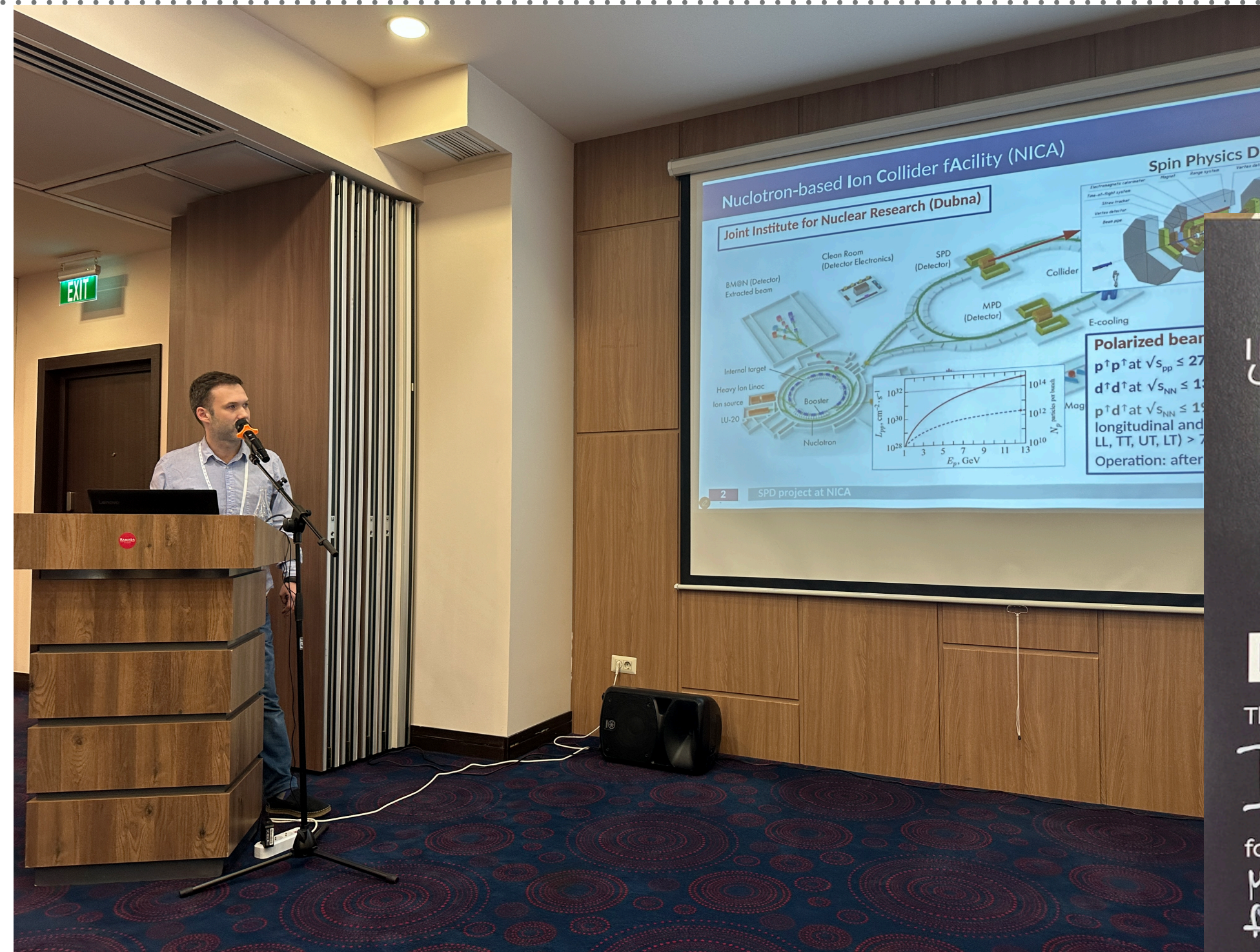
- Funding of about 4 M\$ is requested for next year
- Mainly for magnet and cryogenic infrastructure
- Construction of the first-phase setup
- Continuation of R&D for the second phase
- We plan to start settling in our IP
- ...



# CONFERENCE ACTIVITIES IN 2024

ON BEHALF OF O. TERYAEV

- Nucleus 2024, Dubna (3)
- HSFI 2024, Gatchina (1)
- IWHSS CPHI 2024, Erevan (1)
- ICPPA 2024, Moscow (5)
- MMCP 2024, Erevan (3)
- SAEC 2024, St. Petersburg (1)
- NPCS 2024, Minsk (3)
- Scientific Session of the Section of Nuclear Physics RAS, Dubna (3)
- NST 2024, Almaty (1)
- AYSS 2024, Dubna (9)
- [MKTЭФ-2024, Protvino \(1\)](#)
- [PacificSpin 2024, Hefei \(1\)](#)



30+2 talks

# CONFERENCE ACTIVITIES 2025

---

Most important for us:

- ▶ Deep Inelastic Scattering, **DIS 2025**, March 24-28, Cape Town
- ▶ 26th International Symposium on Spin Physics, **SPIN 2025**,  
September 21-26, Qingdao

# CONFERENCE ACTIVITIES

---

**Please follow our publication policy!**

[https://spd-t.jinr.ru/wp-content/uploads/2024/02/SPD\\_Publication\\_Policy.pdf](https://spd-t.jinr.ru/wp-content/uploads/2024/02/SPD_Publication_Policy.pdf)

## **SPD Publication Policy**

*July 20, 2023 (approved by SPD CB on Oct, 9)*

This document defines the rules and gives the recommended deadlines for making official the results obtained within the SPD collaboration as well as for their publication and dissemination to the outside world. It aims to clarify, simplify and fasten as much as possible the procedure for the publications of the results of individuals and groups, after endorsement by the SPD collaboration. It is intended to be annexed to the chart of the SPD collaboration.

This document can be amended and updated by the Publication Committee, who reports to the Collaboration Board.

The role and constitution of the Publication Committee is defined in the SPD Bylaws (last amended in September 29-2021) section VII.

## Technical Design Report of the Spin Physics Detector at NICA

V. Abazov<sup>1</sup>, V. Abramov<sup>2</sup>, L. Afanasyev<sup>1</sup>, R. Akhunzyanov<sup>1</sup>, A. Akindinov<sup>3</sup>, I. Alekseev<sup>3</sup>, A. Aleshko<sup>4</sup>, V. Alexakhin<sup>1</sup>, G. Alexeev<sup>1</sup>, L. Alimov<sup>5</sup>, A. Allakhverdieva<sup>1</sup>, A. Amoroso<sup>6</sup>, V. Andreev<sup>7</sup>, V. Andreev<sup>8</sup>, E. Andronov<sup>9</sup>, Yu. Anikin<sup>10</sup>, S. Anischenko<sup>11</sup>, A. Anisenkov<sup>12</sup>, V. Anosov<sup>1</sup>, E. Antokhin<sup>12</sup>, A. Antonov<sup>13</sup>, S. Antsupov<sup>13</sup>, A. Anufriev<sup>5</sup>, K. Asadova<sup>1</sup>, S. Ashraf<sup>14</sup>, V. Astakhov<sup>1</sup>, A. Aynikeev<sup>4</sup>, M. Azarkin<sup>7</sup>, N. Azorskiy<sup>1</sup>, A. Bagulya<sup>7</sup>, D. Baigarashev<sup>1,15</sup>, A. Baldin<sup>1</sup>, E. Baldina<sup>1</sup>, N. Barbashina<sup>16</sup>, A. Barnyakov<sup>12</sup>, S. Barsov<sup>17</sup>, A. Bartkevich<sup>11</sup>, V. Baryshevsky<sup>11</sup>, K. Basharina<sup>1</sup>, A. Baskakov<sup>5</sup>, V. Baskov<sup>7</sup>, M. Batista<sup>18</sup>, M. Baturitsky<sup>19</sup>, V. Bautin<sup>1</sup>, T. Bedareva<sup>12</sup>, S. Belokurova<sup>9</sup>, A. Belova<sup>1</sup>, E. Belyaeva<sup>1</sup>, A. Berdnikov<sup>13</sup>, Ya. Berdnikov<sup>13</sup>, A. Berezhnoy<sup>4</sup>, A. Berngardt<sup>10</sup>, Yu. Besspalov<sup>1</sup>, V. Bleko<sup>1</sup>, L. Bliznyuk<sup>19</sup>, D. Bogoslovskii<sup>1</sup>, A. Boiko<sup>13</sup>, A. Boikov<sup>1</sup>, M. Bolsunovskaya<sup>13</sup>, E. Boos<sup>4</sup>, V. Borisov<sup>1</sup>, V. Borsch<sup>10</sup>, D. Budkouski<sup>1</sup>, S. Bulanova<sup>17</sup>, O. Bulekov<sup>16</sup>, V. Bunichev<sup>4</sup>, N. Burtabayev<sup>15</sup>, D. Bychanok<sup>11</sup>, A. Casanova<sup>18</sup>, G. Cesar<sup>18</sup>, D. Chemezov<sup>1</sup>, L. Chen<sup>20</sup>, A. Chepurnov<sup>4</sup>, V. Chmill<sup>1</sup>, A. Chukanov<sup>1</sup>, A. Chuzo<sup>16</sup>, A. Danilyuk<sup>21</sup>, A. Datta<sup>1</sup>, D. Dedovich<sup>1</sup>, M. Demichev<sup>1</sup>, G. Deng<sup>20</sup>, I. Denisenko<sup>1</sup>, O. Denisov<sup>6</sup>, T. Derbysheva<sup>12</sup>, D. Derkach<sup>22</sup>, A. Didorenko<sup>1</sup>, M.-O. Dima<sup>1</sup>, A. Doinikov<sup>13</sup>, S. Doronin<sup>16</sup>, V. Dronik<sup>23</sup>, F. Dubinin<sup>16</sup>, V. Dunin<sup>1</sup>, A. Durum<sup>2</sup>, A. Egorov<sup>17</sup>, R. El-Kholy<sup>14</sup>, T. Enik<sup>1</sup>, D. Ermak<sup>11</sup>, D. Erofeev<sup>10</sup>, A. Erokhin<sup>12</sup>, D. Ezhov<sup>13</sup>, O. Fedin<sup>17</sup>, Ju. Fedotova<sup>11</sup>, G. Feofilov<sup>9</sup>, Yu. Filatov<sup>1,24</sup>, S. Filimonov<sup>10</sup>, V. Frolov<sup>1</sup>, K. Galaktionov<sup>9</sup>, A. Galoyan<sup>1</sup>, A. Garkun<sup>25</sup>, O. Gavrishchuk<sup>1</sup>, S. Gerasimov<sup>1</sup>, S. Gerassimov<sup>7</sup>, M. Gilts<sup>23</sup>, L. Gladilin<sup>1,4</sup>, G. Golovanov<sup>1</sup>, S. Golovnya<sup>2</sup>, V. Golovtsov<sup>17</sup>, A. Golubev<sup>3</sup>, S. Golubykh<sup>1</sup>, P. Goncharov<sup>1</sup>, A. Gongadze<sup>1</sup>, N. Greben<sup>1</sup>, A. Gregoryev<sup>16</sup>, D. Gribkov<sup>4</sup>, A. Gridin<sup>1</sup>, K. Gritsay<sup>1</sup>, D. Gubachev<sup>1</sup>, J. Guo<sup>20</sup>, Yu. Gurchin<sup>1</sup>, A. Gurinovich<sup>11</sup>, Yu. Gurov<sup>16</sup>, A. Guskov<sup>1</sup>, D. Gutierrez<sup>18</sup>, F. Guzman<sup>18</sup>, A. Hakobyan<sup>26</sup>, D. Han<sup>27</sup>, S. Harkusha<sup>19</sup>, Sh. Hu<sup>20</sup>, S. Igolkin<sup>9</sup>, A. Isupov<sup>1</sup>, A. Ivanov<sup>1</sup>, N. Ivanov<sup>1,26</sup>, V. Ivantchenko<sup>10</sup>, Sh. Jin<sup>20</sup>, S. Kakurin<sup>1</sup>, N. Kalinichenko<sup>9</sup>, Y. Kambar<sup>1</sup>, A. Kantsyrev<sup>3</sup>, I. Kapitonov<sup>1</sup>, V. Karjavine<sup>1</sup>, A. Karpishkov<sup>1,5</sup>, A. Katcin<sup>12</sup>, G. Kekelidze<sup>1</sup>, D. Kereibay<sup>1</sup>, S. Khabarov<sup>1</sup>, P. Kharyuzov<sup>1</sup>, H. Khodzhibagiyani<sup>1</sup>, E. Kidanov<sup>23</sup>, E. Kidanova<sup>23</sup>, V. Kim<sup>17</sup>, A. Kiryanov<sup>17</sup>, I. Kishchin<sup>23</sup>, E. Kokoulina<sup>1</sup>, A. Kolbasin<sup>7</sup>, V. Komarov<sup>1</sup>, A. Konak<sup>1</sup>, Yu. Kopylov<sup>1</sup>, M. Korjik<sup>11</sup>, M. Korotkov<sup>16</sup>, D. Korovkin<sup>1</sup>, A. Korzenev<sup>1</sup>, B. Kostenko<sup>1</sup>, A. Kotova<sup>1</sup>, A. Kotzinian<sup>26</sup>, V. Kovalenko<sup>9</sup>, N. Kovyazina<sup>1</sup>, M. Kozhin<sup>1</sup>, A. Kraeva<sup>16</sup>, V. Kramarenko<sup>1,4</sup>, A. Kremnev<sup>12</sup>, U. Kruchonak<sup>1,19</sup>, A. Kubankin<sup>23</sup>, O. Kuchinskaya<sup>10</sup>, Yu. Kulchitsky<sup>1,19</sup>, S. Kuleshov<sup>28,29</sup>, A. Kulikov<sup>1</sup>, V. Kulikov<sup>12</sup>, V. Kurbatov<sup>1</sup>, Zh. Kurmanaliev<sup>1,15</sup>, Yu. Kurochkin<sup>19</sup>, S. Kutuzov<sup>1</sup>, E. Kuznetsova<sup>17</sup>, I. Kuyanov<sup>12</sup>, E. Ladygin<sup>1,2</sup>, V. Ladygin<sup>1</sup>, D. Larionova<sup>13</sup>, V. Lebedev<sup>1</sup>, R. Lednicki<sup>1</sup>, M. Levchuk<sup>19</sup>, P. Li<sup>20</sup>, X. Li<sup>20</sup>, Y. Li<sup>27</sup>, A. Livanov<sup>1</sup>, A. Lobanov<sup>13</sup>, A. Lobko<sup>11</sup>, K. Loshmanova<sup>1</sup>, S. Lukashevich<sup>8</sup>, E. Lushevskaya<sup>3</sup>, A. L'vov<sup>7</sup>, I. Lyashko<sup>1</sup>, V. Lysan<sup>1</sup>, V. Lyubovitskij<sup>10</sup>, D. Madigozhin<sup>1</sup>, V. Makarenko<sup>11</sup>, N. Makarov<sup>9</sup>, R. Makhmanazarov<sup>10</sup>, V. Maleev<sup>17</sup>, D. Maletic<sup>30</sup>, A. Malinin<sup>16</sup>,

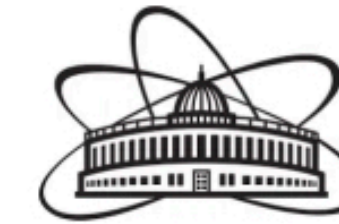
- New JINR electronic journal **NATURAL SCIENCE REVIEW**
- SPD TDR is accepted for publication as a paper to the 1st issue
- We hope to see the 1st issue online in a few days

# NEW SPD WEBSITE

---



## Spin Physics Detector Project



Joint Institute for Nuclear Research

[General Information](#)   [Collaboration](#)   [Publications](#)   [Setup](#)   [Software](#)   [Internal Access](#)   [Media](#)   [Other](#)



<https://spd.jinr.ru/>

# COLLABORATION NEWS

---

We welcome new group!



## MoUs:

- **Havana university** - signed
- **iThemba LABS** - signing procedure has started
- **HSE University** - signing procedure has started
- **Cairo University** - signing procedure has started

Joining of the **Vinca institute** (Serbia) has been suspended

Contacts with new Chinese groups



# PROBLEMS TO LOOK OUT FOR

---

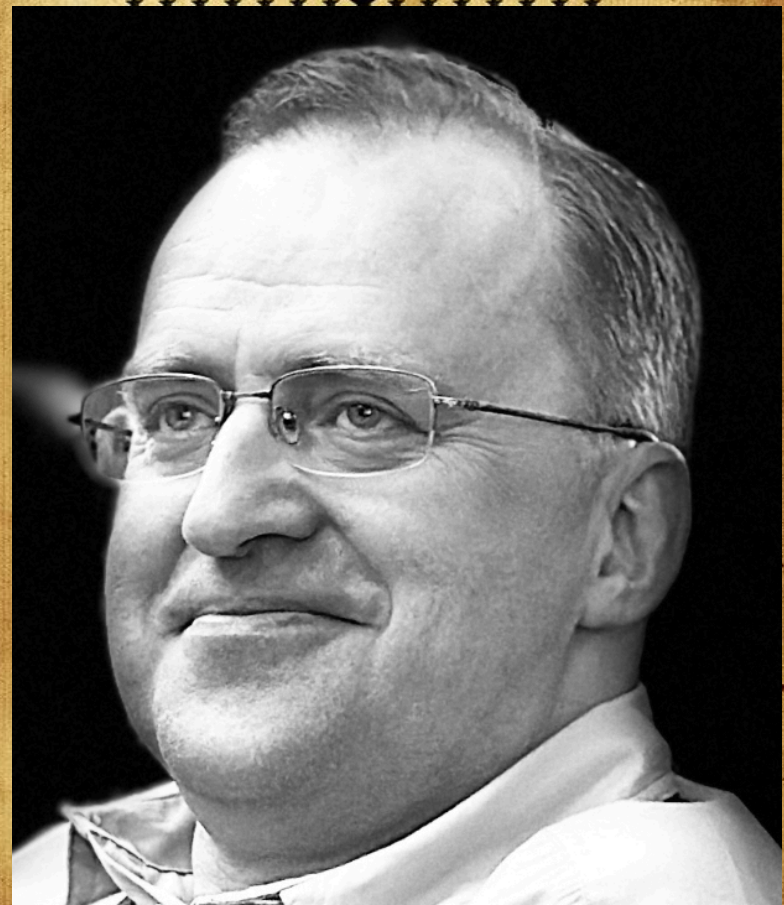
- Difficulty in moving from the R&D phase to the detector construction phase
- Lack of involvement of some institutions
- Insufficient co-ordination of joint work with some institutes

**This is a natural difficulty at this stage of the project and I am sure that we will overcome it successfully!**

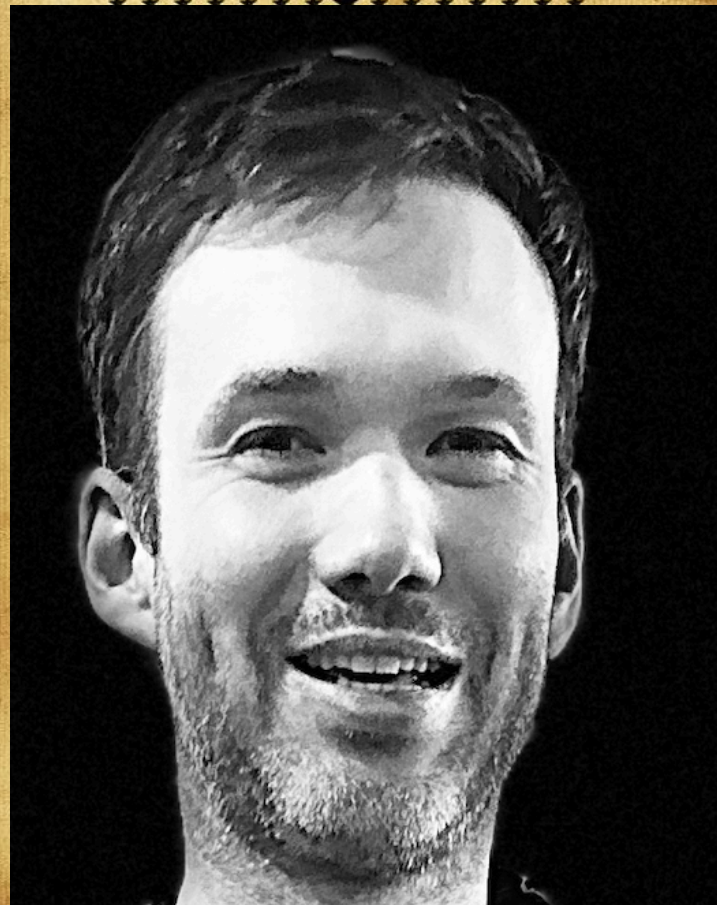
# COORDINATORS

---

**WANTED**



**WANTED**



**WANTED**



**WANTED**



**WANTED**



**WANTED**



**Technical  
coordinator**

**Alexander  
Korzenev**

[akorzenev@jinr.ru](mailto:akorzenev@jinr.ru)

**Physics  
coordinator**

**Igor  
Denisenko**

[iden@jinr.ru](mailto:iden@jinr.ru)

**Software  
coordinator**

**Alexey  
Zhemchugov**

[zhemchugov@jinr.ru](mailto:zhemchugov@jinr.ru)

**Deputy physics  
coordinator**

**Amaresh  
Datta**

[amareshdatta@gmail.com](mailto:amareshdatta@gmail.com)

**Deputy software  
coordinator**

**Danila  
Oleynik**  
[danila@jinr.ru](mailto:danila@jinr.ru)

**1-st stage physics  
working group  
coordinator**

**Evgeny  
Soldatov**

[Evgeny.Soldatov@cern.ch](mailto:Evgeny.Soldatov@cern.ch)

# TIMETABLE

## Tue 5/11 General+hardware+DAQ

Tue 05/11 Wed 06/11 Thu 07/11 Fri 08/11 All days

Print PDF Full screen Detailed view Filter

Session
09:00 <b>Registration</b> <i>Conference Hall, Building 215, VBLHEP, JINR, Dubna</i> 09:00 - 10:00
10:00 <b>Welcome address</b>
<b>Report of Spokespersons</b> <i>Alexey Guskov et al.</i>
<b>Report of the CB chair</b> <i>Armen Tumasyan</i>
<b>Collaboration photo</b>
11:00 <b>Coffee break</b>
<b>Next SPD collaboration meeting in Er...</b> <i>Armen Tumas...</i>
<b>Report of the Technical Coordin...</b> <i>Александр Корзе...</i>
12:00 <b>Report of the Physics Coordinator</b> <i>Igor Denisenko</i>
<b>Report of the Software Coordinator</b> <i>Алексей Жемчугов</i>
13:00 <b>Lunch</b> 13:15 - 14:20
14:00 <b>Status of the NICA complex</b> <i>Evgeny Syresin</i>
15:00 <b>Current status ...</b> <i>Алекса...</i> <b>Status of BBC d...</b> <i>Arsen...</i>
<b>L2 concentrat...</b> <i>Vladislav...</i> <b>Status of BBC ...</b> <i>Alekse...</i>
<b>Coffee break</b>
16:00 <b>Current status of T...</b> <i>Ol...</i> <b>WLS Studies</b> <i>Filipp Dubinin</i>
<b>Current status of T...</b> <i>Dm...</i> <b>TDC based on F...</b> <i>P. Ne...</i>
<b>FEE for straw r...</b> <i>Vitaly B...</i> <b>Application of DT...</b> <i>Ива...</i>
17:00 <b>Development...</b> <i>Alexande...</i> <b>Simulation of Xe12...</b> <i>Кс...</i>
<b>Simulation of pp and dd interactions for ...</b> <i>Arkadiy Te...</i>
<b>Discussion &amp;AOB</b>

## Wed 6/11 Hhardware

Tue 05/11 Wed 06/11 Thu 07/11 Fri 08/11 All days

Print PDF Full screen Detailed view Filter

Session
10:00 <b>Status of the SPD Solenoid Magnet De...</b> <i>Sergey Pivo...</i>
<b>Quench Analysis of the SPD Solenoid</b> <i>Alexey Bragin</i>
<b>Control Dewar design</b> <i>Tatiana Bedareva</i>
11:00 <b>Cryogenic system</b> <i>Mr Sergey Vizgalov</i>
<b>Coffee break</b>
12:00 <b>RS status report</b> <i>Gennady Alexeev</i>
<b>ECal status report</b> <i>Dr Олег Гаврищук</i>
<b>MicroMegas status report</b> <i>Dmitry Dedovich</i>
13:00 <b>Lunch</b> 13:00 - 14:00
14:00 <b>Straw-barrel status report</b> <i>Temur Enik</i>
<b>Straw beam tests</b> <i>Dmitry Sosnov</i>
<b>Straw-endcap status report</b> <i>Victor Kramarenko</i>
15:00 <b>Join research and development AANL-BUDK...</b> <i>Arthur...</i>
<b>Status of Cherenkov counters prototipi...</b> <i>Alexander ...</i>
<b>Coffee break</b>
16:00 <b>TOF status report</b> <i>Валерий Чмилъ</i>
<b>BBC status report</b> <i>Aleksey Tishevsky</i>
<b>ZDC status report</b> <i>Vladimir Polyakov</i>
<b>On possible development of monolithi...</b> <i>Dr Sergey Vi...</i>
<b>Modernization and testing of a thermal cham...</b> <i>Alex...</i>

## Thu 7/11 Computing, physics

Tue 05/11 Wed 06/11 Thu 07/11 Fri 08/11 All days

Print PDF Full screen Detailed view Filter

Session
10:00 <b>SAMPO development status</b> <i>Пев Симбирятин</i>
<b>SPD Online filter ststus update</b> <i>Dr Данила Олейник</i>
<b>SPD Production system. Current stat...</b> <i>Artem Petrosy...</i>
11:00 <b>Distributed computing infrastructure (Ti...</b> <i>Mr Andrey ...</i>
<b>Coffee break</b>
<b>SOF Middleware development status</b> <i>Nikita Greben et al.</i>
12:00 <b>Rucio for SPD Data managment</b> <i>Alexey Konak</i>
<b>Timeslices simulation status update</b> <i>Alexandra Shipilova</i>
<b>Geomodel status update</b> <i>Aytadzh Allakhverdieva</i>
13:00 <b>Lunch</b> 13:00 - 14:00
14:00 <b>Possible bottlenecks detection in Spd...</b> <i>Aleksei Dido...</i>
<b>Databases status update</b> <i>Dr Федор Прокошин</i>
<b>Computing hardware trends</b> <i>Valery Yegorshev</i>
15:00 <b>Coffee break</b>
<b>Triply charged pentaquark at first stage of ...</b> <i>Egor Zh...</i>
<b>Its description</b> <i>Artem Vasyukov</i>
16:00 <b>Exclusive <math>\phi</math> production simulation w...</b> <i>Leonid S...</i>
<b>Clustering Algorithms for SPD: A Compar...</b> <i>Iliya Polish...</i>
<b>Cuban group</b>
17:00

## Fri 8/11 Physics

Tue 05/11 Wed 06/11 Thu 07/11 Fri 08/11 All days

Print PDF Full screen Detailed view Filter

Session
10:00 <b>Production of prompt photons in the collisi...</b> <i>Vitaly ...</i>
<b>Pair production is a key tool to study...</b> <i>Prof. Vladimir ...</i>
<b>Direct photon production in the PRA: fr...</b> <i>Alexey Ch...</i>
11:00 <b>Prompt charmonium production at small pT i...</b> <i>Kirill ...</i>
<b>Coffee break</b>
<b>Problem of emergence of nucleon ...</b> <i>Dr Vladimir Kom...</i>
12:00 <b>Quark counting rules for inclusive cross se...</b> <i>Vladim...</i>
<b>Double polarized deuteron-deuteron scatteri...</b> <i>Yury ...</i>
13:00 <b>Two particle correlations of Ks0 - mesons in p...</b> <i>Анд...</i>
<b>Lunch</b> 13:10 - 14:20
14:00 <b>Diquark role in production of baryons and e...</b> <i>Andrei...</i>
<b>MEPhI group</b> <i>Evgeny Soldatov</i>
15:00 <b>SPbPU results based on State assign...</b> <i>Daria Larion...</i>
<b>Overview of the Straw Tracker simula...</b> <i>Ekaterina Mo...</i>
<b>Effect of structural material in front of ECA...</b> <i>Andrei ...</i>
16:00 <b>Coffee break</b>
<b>Status of primary vertex reconstruction...</b> <i>Vladimir An...</i>
<b>FARICH</b> <i>Artem Ivanov</i>
17:00 <b>Muon identification in RS</b> <i>Ivan Yeletskikh</i>
<b>Charmed baryon <math>\Lambda_c^+</math> at the SP...</b> <i>Artem S...</i>
<b>Measuring D0 from D*+ decays at the S...</b> <i>Amaresh D...</i>
18:00 <b>Online polarimetry with pi0</b> <i>Katherin Shtejer</i>

# CONCLUSION

---

- Over the past period, we have successfully completed a very important stage of our work - preparation of the Technical Design Report.
- We have an important new stage ahead of us - the construction of the first-phase experimental setup.
- **Joint and well-coordinated efforts are the key to the success of our Collaboration.**