



IX SPD Collaboration meeting, Yerevan, May 12-16, 2025

REPORT OF SPOKESPERSONS



*Alexey Guskov
Victor Kim*

VIII SPD COLLABORATION MEETING IN DUBNA

NOVEMBER 2024

- ~120 participants in person from 11 participating institutes
- 73 talks



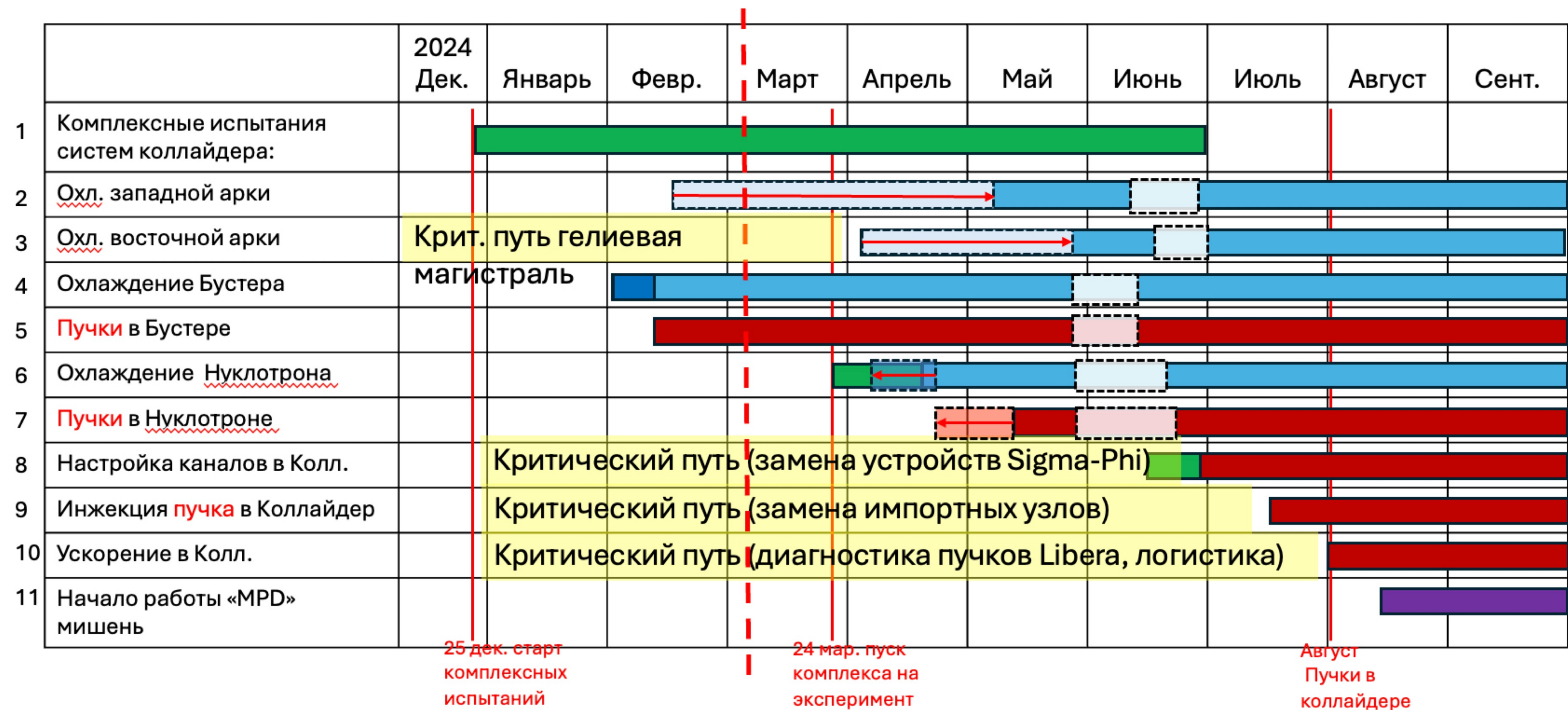
PAC RECOMMENDATIONS

61st meeting of the PAC for Particle Physics 20.1.2025

- The PAC takes note of the report on the status of the SPD project presented by A. Guskov.
- Having finalized the [Technical Design Report](#) (published in a new journal [Natural Science Review, December 1, 2024](#)), the SPD team has started working on the First stage of the detector, which includes a superconducting solenoid magnet, a muon system, a straw tube-based main tracker, and a Micromegas-based central tracker. There will also be a pair of zero-degree calorimeters and beam-beam counters, as well as a part of electromagnetic calorimeter.
- Manufacturing of elements of the main detector systems has started. Progress has been achieved in establishing the computing infrastructure of the project.
- The PAC encourages the SPD collaboration to continue working on the production of the First-stage setup.

[PAC also requested the SPD status report talk at the summer session in June, 2025](#)

NICA LAUNCH PLANS



SPD CHIEF DESIGNER AND CHIEF ENGINEER



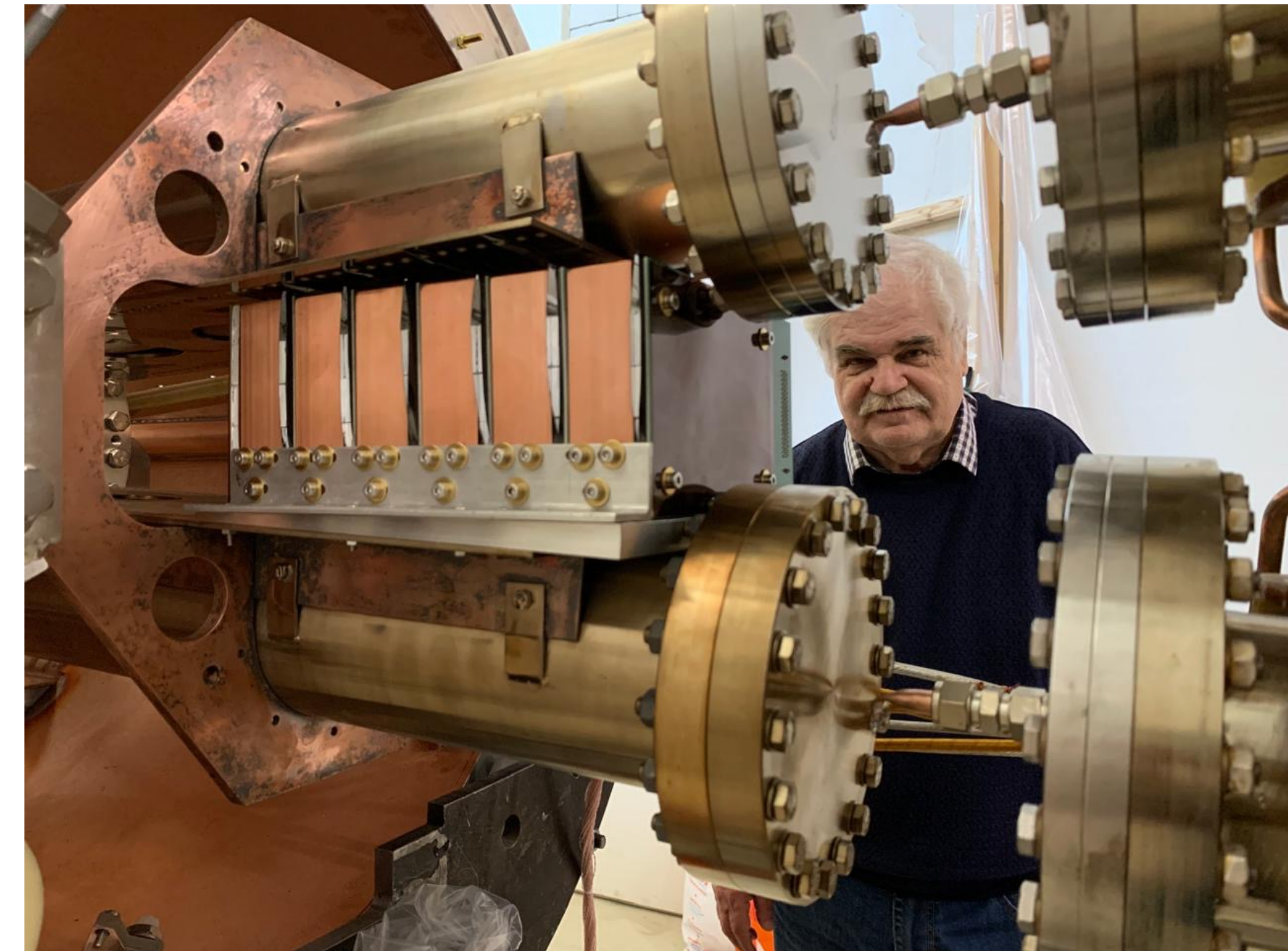
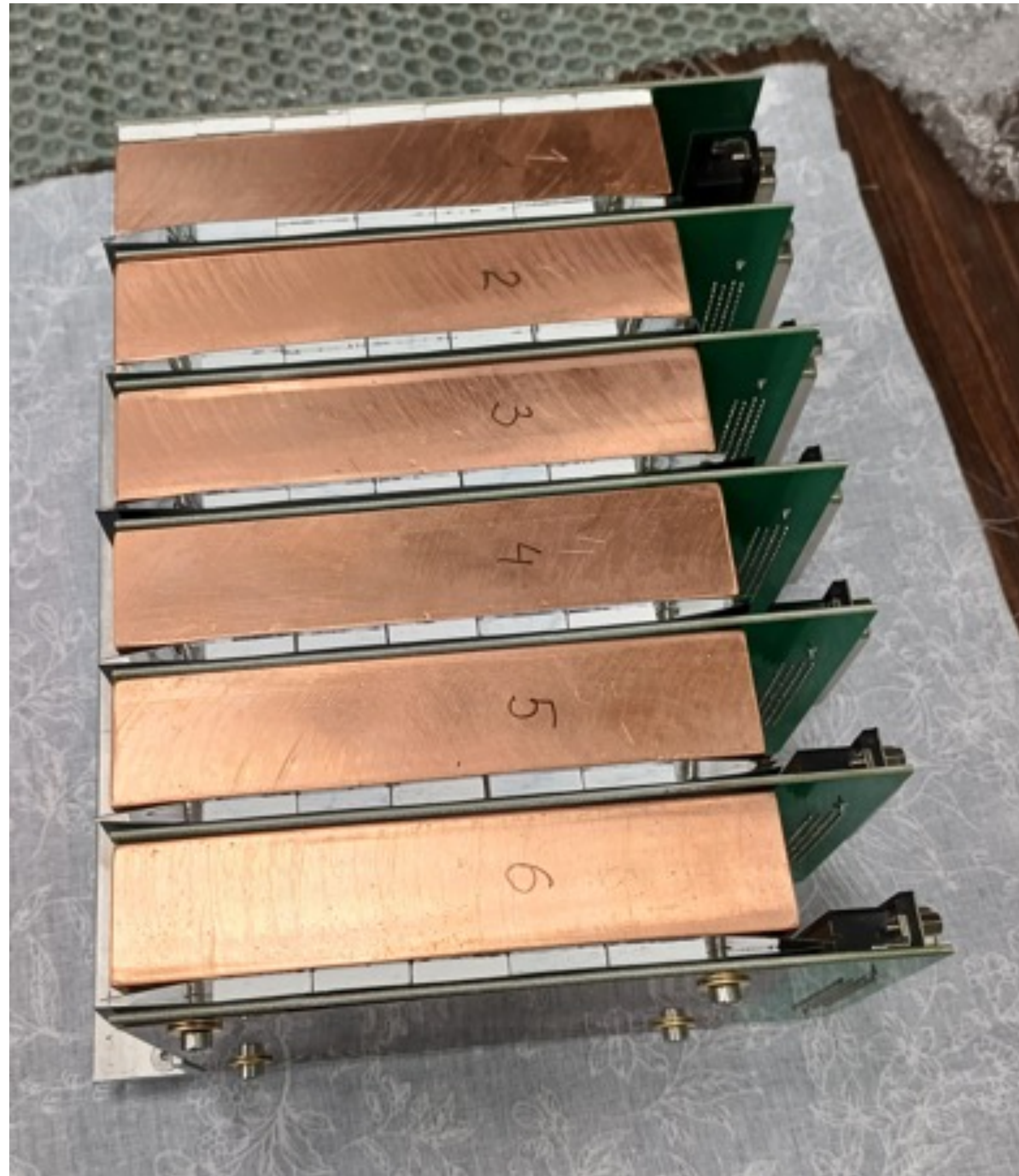
In November 2024

Nikolay Topilin

has been appointed as
the chief designer of the SPD setup

Konstantin Mukhin started to operate as
the chief engineer of SPD in “demo” mode

ZDC-PROTOTYPE INSTALLATION



**ZDC prototype is installed
at the SPD IP**

more in talk by A. Korzenev

Formally SPD will have first data from real collisions at NICA soon 😊

ONE-DAY ONLINE 1ST-PHASE PHYSICS WORKSHOP

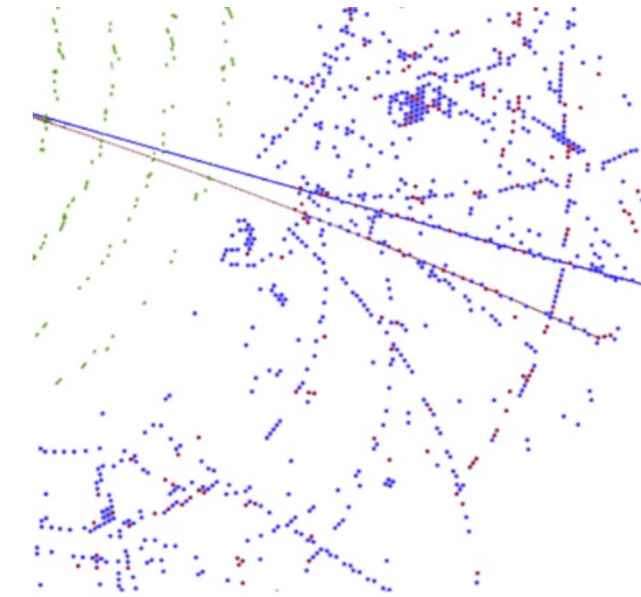
<https://indico.jinr.ru/event/5351/overview>

Evgeny Soldatov



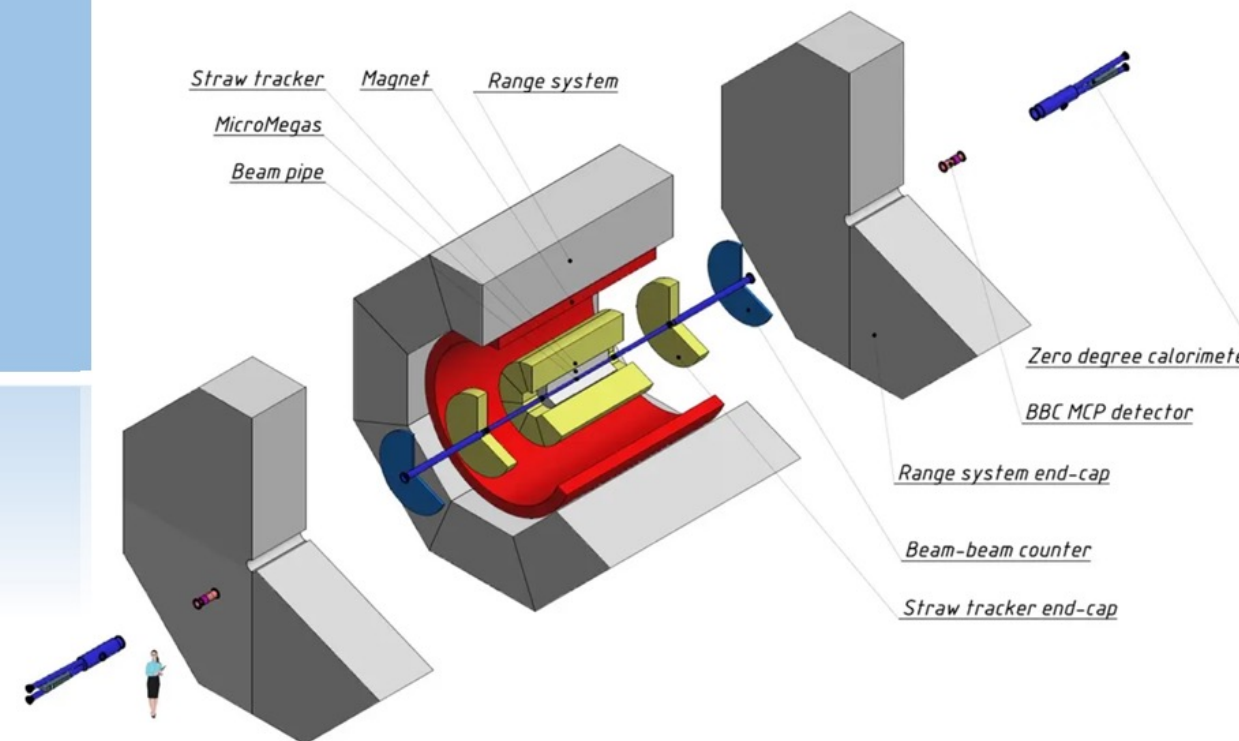
23.04.2025 Zoom only

We invite you for the discussion
of existing elaborated SPD
proposals



SPD first stage
physics workshop

бмлзгсг моикгмоб



~ 14 talks + discussion

> 60 participants

<https://indico.jinr.ru/event/5351/>



CONFERENCE ACTIVITIES IN 2025: KEY CONFERENCES

The most important for us:

DIS 2025 (SA, Cape Town, March 24-26) - Amaresh Datta

SPIN 2025 (China, Qingdao, September 21-26) - plenary talk by A. Guskov

NUCLEUS 2025 (St. Petersburg, July)

Lomonosov 2025 (Moscow, August)

HEP 2025 (Armenia, Yerevan, September)

IWHSS 2025 (Spain, September) - **we have been asked to present a talk**

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CONFERENCE ACTIVITIES

Please follow our publication policy!

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.

COLLABORATION NEWS

MoUs:

- National University of Science and Technology “MISIS”

Request from the Shandong University group to join the SPD collaboration

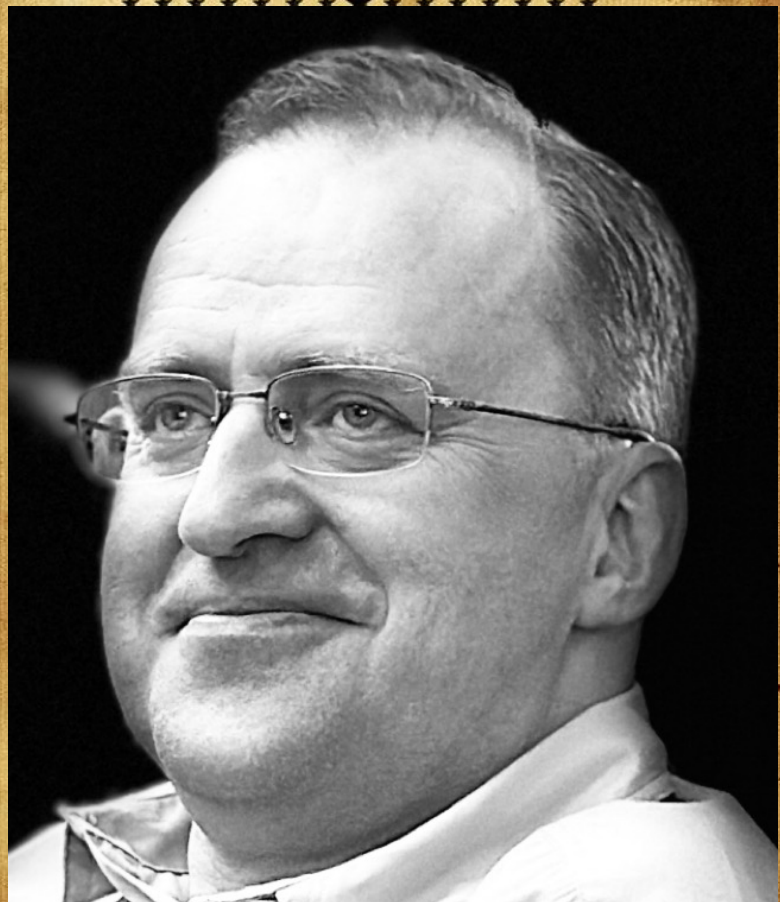
Preliminary contacts with other Chinese groups

PROBLEMS TO LOOK OUT FOR

➤ **Delay with magnet
documentation
preparation**

COORDINATORS

WANTED



Physics
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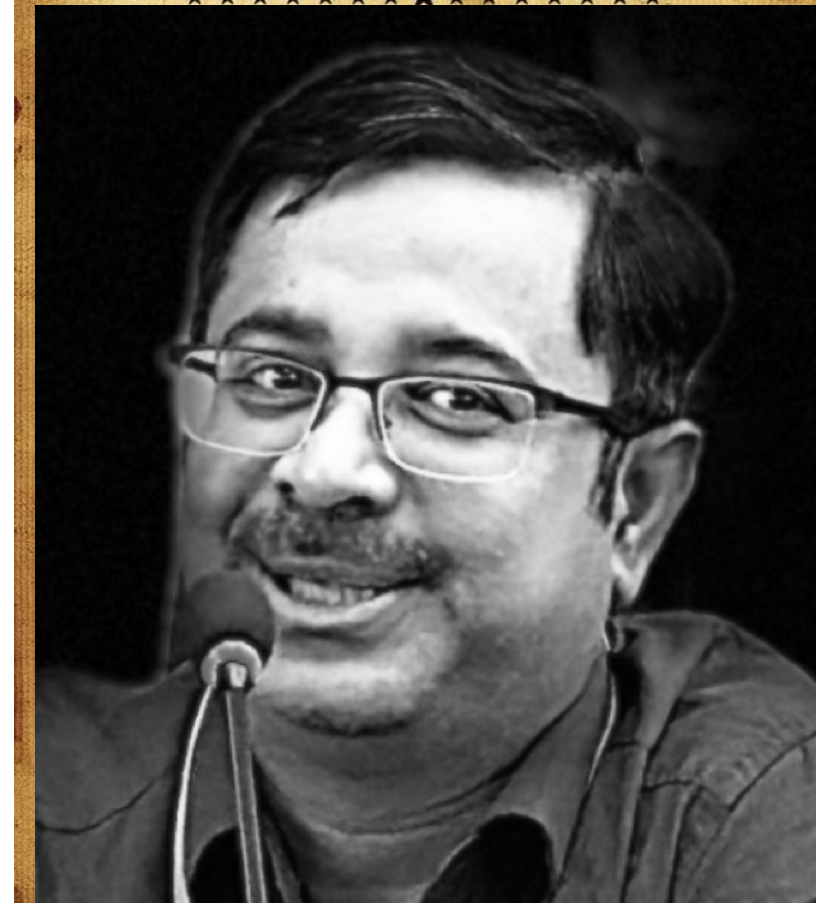
WANTED



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WANTED



WANTED



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CONCLUSION

- **Joint and well-coordinated efforts are the key to the success of our SPD Collaboration!**