

Report from the Collaboration Board chair

Egle Tomasi-Gustafsson

CEA, IRFU, DPhN

&

Université Paris-Saclay, France



Armen Tumasyan

A.I. Alikhanyan National Science Laboratory

&

Yerevan State University

**Spin Physics
Detector**



***7th SPD Collaboration Meeting,
ALMATY, May 20-24, 2024***

The Collaboration Board

- ❑ Is formed by the representatives of participating institutions.

This number increases every meeting... more than 35 now !

- ❑ Meets regularly – since last workshop in Samara

- February 22, 2024

- Next meeting is planned on June 2024

The discussions and decisions are reported in CB “Minutes” available in the web site of the collaboration (restricted access)

Highlights of CB activity

- 1) Approval of new Participants and Institutes
- 2) Renewal of officials
- 3) Update of participant's list, author's list and criteria in view of TDR publication (supervised by SPD SPs)

Highlights of CB activity

1) Approval of new Participants and Institutes

Recent MOU's

- Saint Petersburg Polytechnic University,
- Saint Petersburg State University, Tomsk State University,
- Belgorod State University,
- National research State University MEPHI,
- Institute for Nuclear Physics, Almaty,
- Institute for Nuclear Problems, BSU, Minsk,
- NRC Kurchatov Institute , Moscow
- Higher Institute of Technologies and Applied Sciences, Havana
- Budker Institute of Nuclear Physics, Novosibirsk

Highlights of CB activity

2) Renewal of officials

- Physics Coordinator (Igor Denisenko conducted, Amaresh Datta, deputy elected)
- The term of office of CB chair expires June 2024
- Spokesperson election next year (to be organized soon)
We are looking for voluntaries for Search Committee

Highlights of CB activity

- 3) Update of participant's list, author's list and criteria in view of TDR publication (supervised by SPD co-Chairs)

Technical Design Report of the Spin Physics Detector at NICA

[The SPD Collaboration](#)

[arXiv:2404.08317](#) [physics.ins-det] **12 April 2024**

SPD at JINR PAC, January 2024

- ❑ The SPD project was already included in the seven years plan (>2024). The cost has been re-evaluated, and the project updated, with limited changes kept under control
- ❑ A new DAC has been appointed in December 2023
- ❑ Successful presentation at the 59 meeting of JINR – PAC for particle physics in January 2024

The PAC takes note of the report on the updated version of the SPD Technical Design Report presented by A. Guskov. Compared to the previous version, the detector size has been increased according to the revised allowed load on the floor of the experimental hall. The design has been modified for the aerogel detector, micromegas-based central tracker, and beam-beam counter. Alternatives for the front-end electronics of the first-stage detectors have also been considered, the DAQ and computing systems are adapted accordingly. The cost estimate has been updated taking into consideration current prices and availability of materials and equipment. The Committee appreciates the appointment of the international SPD Detector Advisory Committee and the progress in forming the SPD collaboration. The PAC recommends that the new DAC conduct a thorough review of the updated TDR and present a report at the next PAC session.

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Officials - Reminder

Alexander Korzenev, Technical Coordinator

Alexey Zhemchugov, Software Coordinator

Danila Oleynik, Deputy Software Coordinator

Igor Denisenko, Physics Coordinator

Amaresh Datta, Deputy Physics Coordinator

Vladimir Ladygin, Contact Person

Oleg Teryaev, Chair of Publication Committee

Executive Board

A. Guskov	JINR	Ex-officio, JINR project leader, SPD SP
V. Kim	PNPI	Ex-officio, SPD SP
A. Korzenev	JINR	Ex officio Technical coordinator
V. Ladygin	JINR	Ex-officio, representative of the host laboratory
E. Tomasi-Gustafsson	Saclay, France	Ex-officio, CB chair
A. Zhemchugov	JINR	Ex-officio, software coordinator
V. Anosov	JINR	
A. Baldin	JINR	
A. Kulikov	JINR	
D. Panzieri	University /INFN Italy	
Y. Wang	Tsinghua Univ., China	
A. Tumasyan	AANL, Yerevan	

Consolidating the collaboration

- ❑ **New contacts, new Institutes**

- ❑ **MoU procedure well established**

(reminder: MOU is a necessary condition to apply for grants)

- ❑ **Grants supporting SPD activity**

- ❑ **JINR postdoctoral program**

General comments

- ❑ **New laboratories candidate to SPD at each meeting !**

- ❑ **The collaboration strengthens the contacts among laboratories**
 - **impulsed also by the organization of external meetings outside the Dubna (Samara, Almaty, ...)**
 - **giving a new frame for already existing collaborations among institutes**

Before concluding

Personal note from ETG

Conclusion

Best wishes for a successful
VII SPD Collaboration meeting
In Almaty !

