

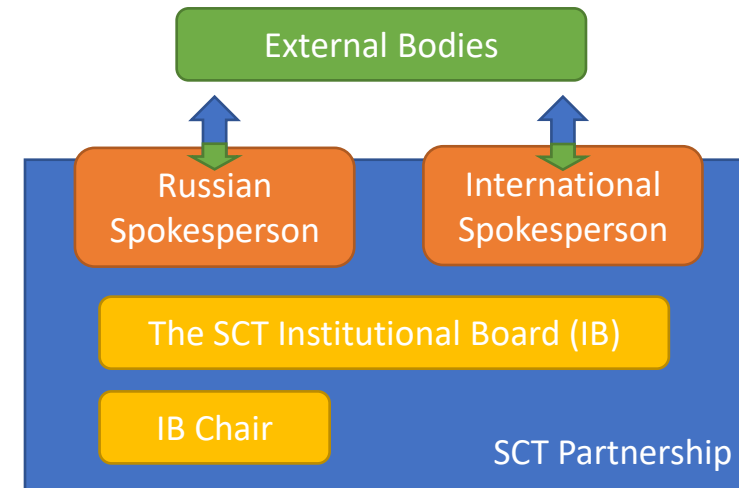
# The 1<sup>st</sup> SCT Partnership IB meeting. Introduction

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November 18<sup>th</sup>, 2021. BINP

# The SCT Partnership

1. Minimal formal structure
  - Institutional board (IB) – the main body of the Partnership
  - Two spokespersons
2. A partner is a research group
  - Only one group per organization is allowed
  - A Lol must be signed to apply to join the Partnership
3. The MoP defines general framework of the Partnership
4. Detailed rules and procedures are to be established by the IB



## Memorandum of partnership for SCT Detector and Physics (hereafter the "MoP")

The effective date of this MoP shall be November 18<sup>th</sup> 2021 (the "Effective Date").


Between:

**Budker Institute of Nuclear Physics ("BINP")**, a research institute of Siberian branch of Russian academy of science, as *the Coordinator*,

and:

**The partners** listed in Annex 1 to this MoP, including BINP (the "Partners")

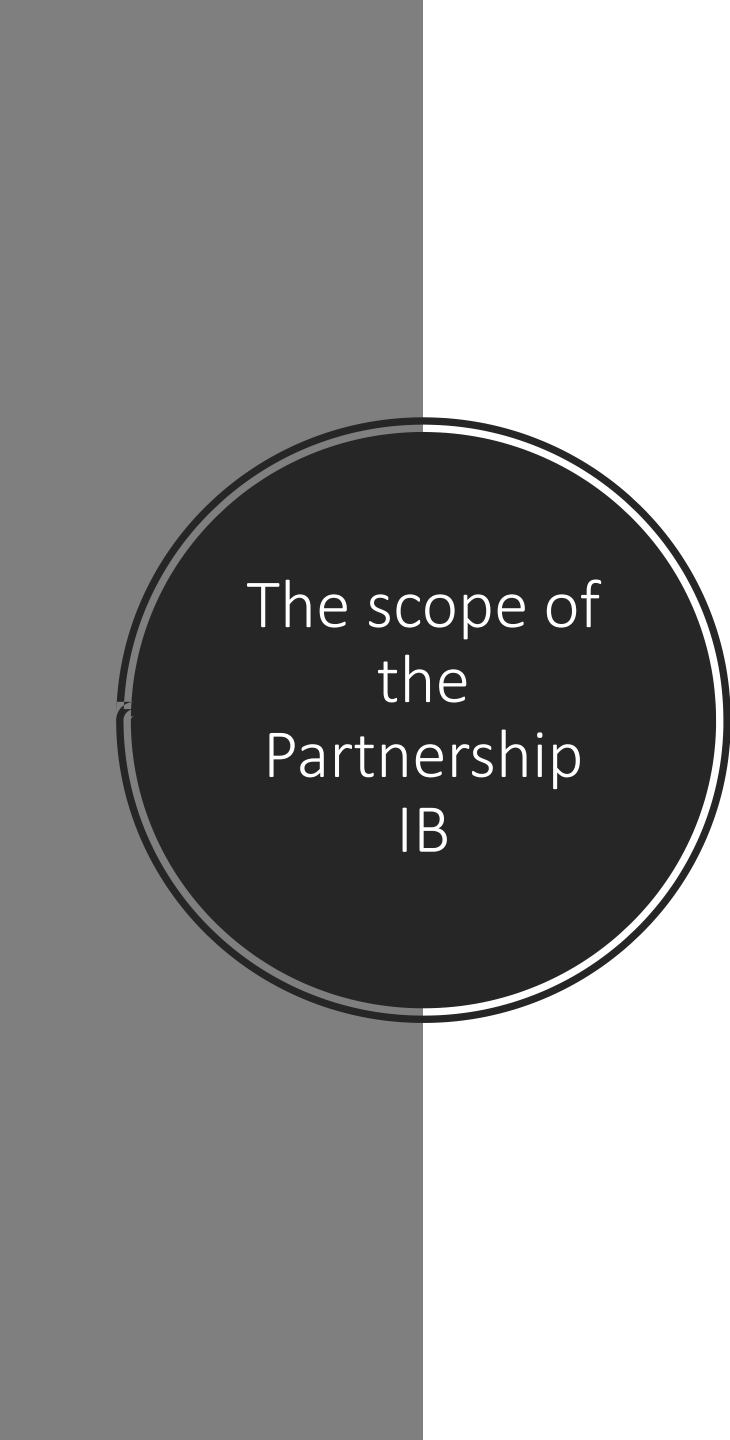
[MoP \(pdf\)](#)



The scope of  
the  
Partnership

2.1. The Partnership aims at:

- Studies of the physics discovery potential and prospects for precision measurements at the SCT  $e^+e^-$  collider, including aspects related to beam polarisation;
- The detector simulation and optimisation studies;
- Software development for event generation, detector simulation, event reconstruction and analysis;
- Hardware development for detector sub-systems and their readout electronics;
- Engineering and integration studies for a future SCT experiment, including supporting infrastructures;
- Building consensus on critical aspects of the SCT experiment planning and relaying it to the officials;
- Preparing governance rules for the full-scale collaboration that will be launched after the funding decision.



The scope of  
the  
Partnership  
IB

### 3.2. The SCT detector and physics Institutional Board:

- Comprises one member from each Party participating in the Partnership;
- Meets at least once per year;
- Defines the direction of the Partnership, taking higher-level constraints and strategies into account;
- Shall elect its Chairperson;
- Shall elect the Spokespersons of the Partnership;
- Appoints and approves other position/committees upon agreement;
- Defines the rules applicable in the execution of the Partnership, including in particular the rules for the election and renewal of appointments and the publication rules and internal procedures for public presentations and publications;
- Issues recommendations on the SCT experiment planning decisions that lay beyond the scope of the Partnership;
- Admits new Partners to the Partnership;



# TODOs

## **B Annex 2: Detailed scientific and technical objectives of the Partnership**

The detailed scientific and technical objectives of the Partnership shall be updated on a regular basis, subject to approval of the IB. They are described below.

*To be completed once the IB has been put in place and once it has agreed on the objectives of the Partnership and on their accompanying time-line.*

## **C Annex 3: Organisational Structure – Internal Procedures**

The internal procedures of the Partnership are subject to approval of the IB. They are described below.

*To be completed once the IB has been put in place and once it has agreed on the internal procedures.*

## **D Annex 4: Procedures for conferences and publications**

The procedures for conferences and publications are subject to approval of the IB. They are described below.

*To be completed once the IB has been put in place and once it has agreed on the procedures for conferences and publications.*

# The founding partners

We haven't tried to collect as much partners as possible. Only groups already involved in the project

1. The JLU group (2021-09-21)
  - Prof. Michael Düren
  - Prof. Joybrato Mukherjee (JLU President)
2. The NSTU group (2021-09-24)
  - Dr. Alexander Barnyakov
  - Prof. Anatoly Bataev (NSTU Rector)
3. The NSU group (2021-10-11)
  - Prof. Alex Bondar
  - Prof. Mikhail Fedoruk (NSU Rector)
4. The BINP group (2021-10-13)
  - Dr. Ivan Logashenko
  - Dr. Pavel Logachev (BINP Director)
5. The LPI group (2021-10-14)
  - Dr. Pavel Pakhlov
  - Dr. Nikolay Kolachevsky (LPI Director)
6. The SINP group (2021-10-29)
  - Prof. Eduard Boos (SINP Director)
7. The HSE group (2021-11-15)
  - Prof. Tagir Aushev
  - Dr. Andrey Ustyuzhanin
  - Dr. Nikita Anisimov (HSE Rector)
8. The JINR group (2021-11-17)
  - Dr. Alexey Zhemchugov
9. The BIRP VNIIEF group (2021-11-16)
  - Dr. Nikolay Zavyalov (BIRP Director)
10. The Cinvestav group (2021-11-12)
  - Prof. Eduard De La Cruz Burelo
  - Prof. Gabriel López Castro (Cinvestav Academic Vicepresident)



# Final remarks

1. Decision-making for today: open vote with simple majority
2. The Partnership should invent itself. The success depends on involvement and attitude of each partner

**Good luck!**

# The IB Chair nominations

1. BINP group nominated **Ivan Logashenko (BINP)**
2. NSTU group nominated **Michael Duren (JLU)**

Duties of the IB Chair will be defined in Annex 3. Among the duties we foresee:

- Scheduling the SCT IB meetings
- Composing the SCT IB meetings agenda
- Ensure that accepted procedures are followed



# The SCT Partnership Russian Spokesperson nominations

1. BINP and NSTU groups nominated **Pavel Pakhlov (LPI)**

3.3. The Russian SCT Spokesperson represents the Partnership to Russian authorities, the SCT host laboratory, and general public.