

SPD physics & detectors by MEPhI group

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Intro & news

- News from the meeting in Dubna:
 - *Instead of Xe+W we will have Xe+Au or Xe+Cu setup for test beam with fixed target. Energy of the beam: up to 3.8 GeV.*
 - *Test beam is planned not before the 1st of October. The 1st wheel should be ready earlier – to run it on cosmics.*
 - *There could be an option where we will have Xe-Xe collisions in October-November. So, we need 2 wheels before October!*
- We will have 2nd workshop of stage 1 physics on the [31st of March](#)
- RSF possibility – April (RSF small groups grants)
- Who want to go into master+PhD pilot program?

Also:

- In April SPD had a first software tutorial. Slides and video are available: <https://indico.jinr.ru/event/5367/> Plan to have the next in November (in person during collaboration meeting in Dubna)
- **Also, in April we had the 1st phase physics 1-day workshop** with the presentation of all suggestions. With discussion of each. Agenda: <https://indico.jinr.ru/event/5351/>

Meetings within the collaboration

- Ordinary collaboration meetings
 - [SPD first stage physics meeting](#) is held on the first Tuesday of the month at 15:00.
 - [Monthly Physics and MC SPD meeting](#) is held on the third Wednesday of the month at 11:00.
 - All other weeks in the month are for [SPD physics weekly meetings](#), which are held on Tuesdays at 15:00.

- [SPD collaboration meeting](#) was in JINR on **20-23 of October**.

- Next SPD collaboration meeting will be in JINR in May, 18-22, in Tomsk:
<https://indico.jinr.ru/event/5928/>

Conferences, schools

➤ Conferences to attend:

- **Quarks-2026**, Petrozavodsk, 18-23 of May, <https://indico.quarks.ru/event/2034/> *Deadline: 19th of March*
- «Физика частиц при средних и высоких энергиях», Protvino, 2-5 of June, <https://indico.ihep.su/e/PPIHE2026> *Deadline: 20th of April*
- **Nucleus-2026**, Khabarovsk, summer, *tba*
- **ICPPA-2026**, Moscow, 13-16 of October, *tba*
- **AYSS-2026**, Tashkent (Uzbekistan), 17-21 of October, <https://indico.jinr.ru/event/5891/> *Deadline: 8th of May*

➤ Schools to attend:

- FuSEP program: <https://fusep.ustc.edu.cn/> *Deadline: 22th of March*

➤ Support of the participation of students in conferences and scientific school from MEPHI Endowment: <https://it.mephi.ru/webform/2007>

❖ Here we are maintaining a list of the talks and papers of the group:

<https://docs.google.com/spreadsheets/d/1mJ1oqFdE-CN6dZJ1CYZfkzGZ8CFkEPHlvi1wL6FvmnA/edit?usp=sharing>

Do not forget to fill it! Fill now!