

SPD physics at the first phase

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Goal of the meetings

- Understand where we are, what we have right now
- Organize the effort (meetings, working groups, publications)
- Possible workshop can take place during the spring of 2025
- Goal of this year: short document, summarizing the measurements we want to do, and what we need for them (in terms of statistics, luminosity, polarization, detector requirement etc.)
- Ultimate goal: update the physics program of the first stage (initial plan is [here](#))

Plan for the first half of the year

- We will have topical meetings with one main presentation and discussion.
- Additional short presentations are also possible, if they are related to the first stage.
- Meetings will be held **biweekly on Tuesdays at 3pm Moscow time**

Preliminary schedule

Current schedule of the talks:

28/01 – Alexey Guskov “Quantum spin correlations in Lambda-Lambda-bar pairs production”

11/02 - empty

25/02 – MSU group (Alexander Berezhnoy, Leonid Gladilin et al)

11/03 – Yury Uzikov

25/03 – Vladimir Ladygin

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End of April - Reham El-Kholy

- Please fill free to book the date for your contribution!
- We expect to hear about the study you are proposing, about the status of the model, of MC. Also, we are interested to hear about beam conditions and detector configuration you need.
- If you already have some luminosity estimations and/or event counts for your process – it would be great!