

Manpower

**Experiment/equipment**

1. **CPS**: Sean Dobbs, Gaby Niculescu, Donal Day, Bogdan Wojtsekhowski, Igor Strakovsky, Pavel Degtyarenko, Tim Whitlath
2. **KPT**: Igor Strakovsky, Pavel Degtyarenko, Tim Whitlath
3. **KFM**: Mikhail Bashkanov, Nick Zachariou, Dan Watts
4. **CryoTarget**: Chris Keith
5. **Cherenkov** counter for cryotarget: Paul Euginio

**Experiment/accelerator**: Todd Satogata

**Experiment/MC**

1. Kaon **yield**: Ilya Larin
2. Kaon **monitoring**: Mikhail Bashkanov, Sasha Somov
3. Neutron & gamma **background**: Igor Strakovsky, Ilya Larin, Pavel Degtyarenko
4. Strange **baryons**: Simon Tayler, Mikhail Bashkanov, Nick Zachariou, Kijun Park, Maxim Mai, Kevin Luckas
5. Strange **mesons**: Shankar Adhikari, Moskov Amaryan, Marouen Baalouch
6. **Neutron** induced reactions in cryotarget: Mikhail Bashkanov

**Experiment/DAC**: Sergey Furletov (including open trigger issue), Sasha Somov

**Theory/motivations**:

1. Strange **baryons**: Dan Riska, David Richards, Jose Goity, Mark Manley, Andrey Sarantsev
2. Strange **mesons**: Bachir Moussallam, Veronique Bernard, Wolfgang Ochs

**Theory/PWA:**

1. Strange **baryons**: Andrey Sarantsev, Viktor Nikonov, Alfred Svarc, Michael Doering, Mark Manley
2. Strange **mesons**: Shankar Adhikari, Moskov Amaryan, Arkaitz Rodas, Alessandro Pilloni

**Current status of our proposal for PAC48** (out of order) [<https://www.overleaf.com/project/5c9a0fac61cd862389b65b29>]:

1. **Alternative projects**: Axel Schmidt (**Additional Physics**), Frank Nerling (**PANDA**), Jim Ritman (**PANDA**), Alexander Austregesilo (**COMPASS**), Simon Eidelman (**Belle** & **BaBar**), Igor Strakovsky (**FNAL**), ? (**J-PARC**).
2. Igor made polishing of the **list of authors**. One can expect more authors.
3. Conceptual design of **KPT** is done by Igor (rad dose is below RadCon limit) and engineering design is in order. Igor will revise KPT chapter in the proposal.
4. Sean will revise **CPS** chapter in the proposal.
5. We have to get a **CPS** geometry (copy of Hall C design to start) to perform a conceptual design of CPS for Hall D.
6. Chris Keith is ready to start to build up a **cryotarget** for us and he is waiting for the PAC decision.
7. Paul Eugenie proposed to use cryotarget as a **Cherenkov** counter. Paul promised to make a note soon.
8. Mikhail will revise **KFM** chapter for the proposal.
9. Mikhail will try to make a conceptual design and make the **KFM** paper for arXiv.
10. Mikhail will revise **baryon** chapter taking into account Andrey Sarantev’s contribution (report on the collab meeting).
11. Mikhail will move **np** chapter from appendix to the main body of the proposal.
12. Moskov will revise **meson** chapter when Shankar will finish his calculations.
13. We will ask Wolfgang Ochs (suggestion of Stephan Paul) to polish **meson** theory.
14. Dan Riska is polishing **baryon** theory.
15. Jose Goity promised a contribution for **double strange** hyperons.
16. Kijun Park is preparing 4-vector quasi-data for **Lambda-pi** for Andrey Sarantsev to study systematics. Then Mikhail will incorporate results to the body of the proposal.
17. Sergey Furletov is thinking about an open **trigger** for us.