

Goals for the workshop: Work on INTT and INTT/MVTX alignment, make progress in Λ_c physics analysis

My To-Do List:

- INTT and INTT/MVTX Alignment:
 - Work remotely with tracking group to align INTT internally
 - Then align INTT with MVTX
 - The workflow uses Millepede and run 2024 data
- Analyze Λ_c production in Monte-Carlo and prepare for pp data
 - Via the $\Lambda_c^\pm \rightarrow pK\pi$ decay chain
 - First measurements of Λ_c production at $\sqrt{s} = 200\text{GeV}$ by STAR show Λ_c/D_0 production is higher than PYTHIA predicts [1]
 - Goal for workshop is optimize training parameters and cuts using MC data
- Help and contribute to other INTT software as needed

- [1] J. Adam *et. al.* (STAR), (2020), [arXiv:1910.14628](https://arxiv.org/abs/1910.14628) [nucl-ex]