

DAS LLP searches exercise

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Overall plan

- Re-use as much as possible our $t\bar{t}$ +ALPs analysis.
- Use **tea** for ntuples processing and analysis.
- Discuss some general topics in the meantime:
 - Git repos.
 - Storage systems.
 - ...

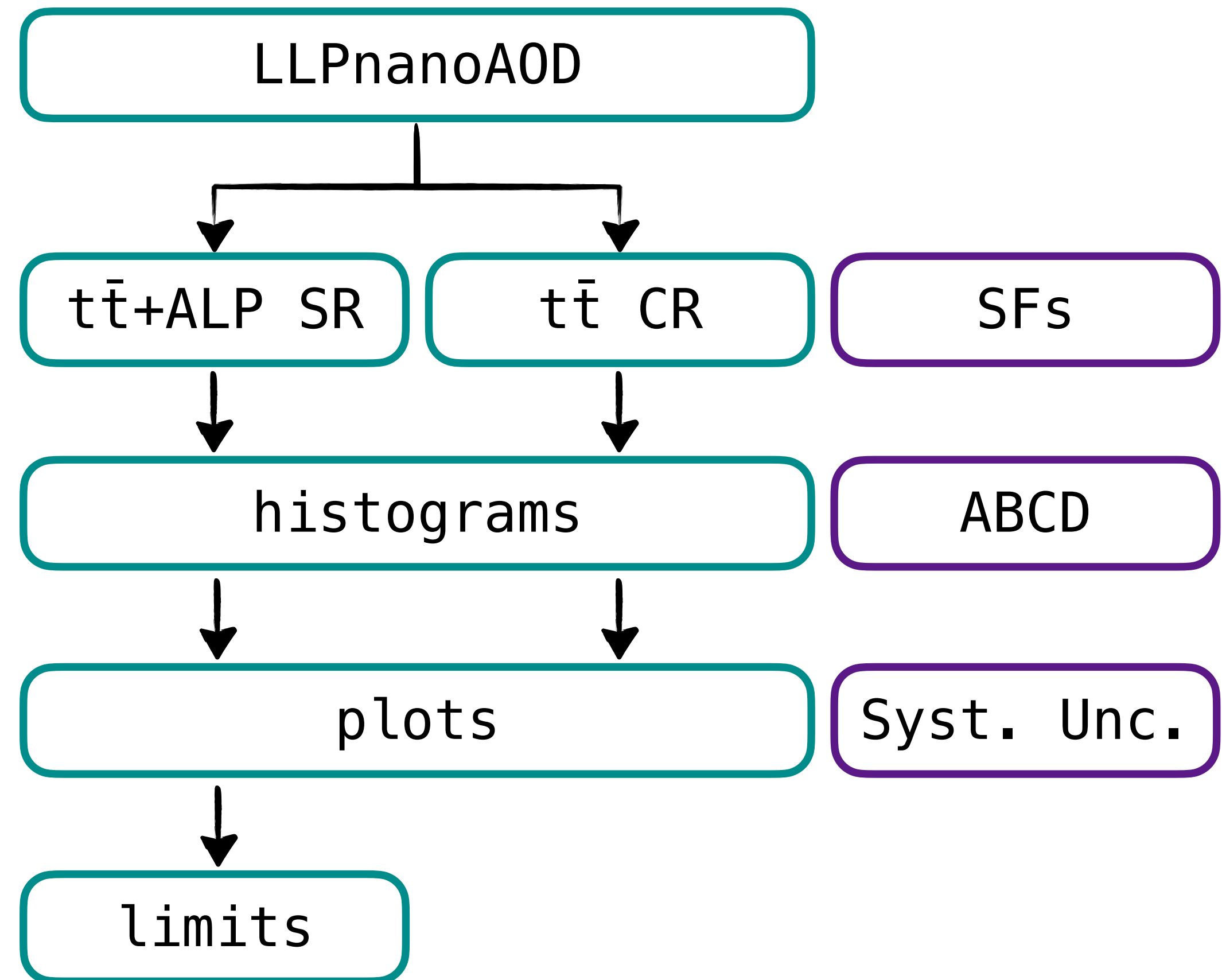
Baseline plan

- Skimming.
- Submission to the grid.
- Histogramming & Plotting.
- Data-MC comparison in the CR.
- Limits with MC background prediction.

Extended plan

Pick some of these if there's enough time:

- ABCD background estimation.
- Scale Factors to improve agreement in $t\bar{t}$ CR.
- Propagation of systematics.



Questions

- Which of the general topics will be covered in other classes?
- Are they going to use Ixplus, NAF, or something else?
- How much time will we have?
- How many participants? What's their level?
- Which room?
- Will someone help me run the exercise?
- Any recommendations for the setup? Containers? Rely on packages installed on NAF? Use Conda environments?
- Can we use a little bit of real data for the CR?