

# MaCh3 round-up

- Liban has been looking at reading in the new CAF files
  - Requires adding dependency on duneanobj in MaCh3
  - Nearly there with this
  - Clarence went through in some detail with Liban about variables in CAFs and what sort of selections we could look at applying in MaCh3
  
- MaCh3 DUNE now builds against core MaCh3
  - Luke has significantly improved and tidied the build system
  - Moving config language to YAML, bit of manual work required here

# After workshop

- Focus on making code flexible in applying cuts to develop selections on new CAFs
  - Want to make doing fast iterations as efficient as possible
  - Checks on binning in different variables also easy
- Want to know the computational load of a **semi-realistic ND fit**
  - Can use old CAF files and run with **1-2M MC events**
  - Can “make up” some systematics: **20 splines, 10 norms and some shift/functional parameters**
  - We can start to profile the code by running with old ND CAFs and **some** set of systematics.
  - Good for us to know RAM and step time in a large-ish ND fit
  - Idea is that once there are some real systematics ready to go with new CAFs that we can get going with them quickly
- Person-power allocated for ND-Gar samples in MaCh3 in the future (not until next year)