**Introduction**

RIVET is a standardised tool to compare experimental results to Monte Carlo simulations.
- Easy to learn and master
- Compatible to generators with HepMC outputs
- Fast, reliable and suitable for multiple subjobs

Many articles need to be *rivetised*, converting their cuts and analysis procedures in the framework → great opportunity for new learners from all experiments.

**Summer Students 2022**

The versatility of the framework makes it a great educational tool, even for students approaching for the first time physics analysis. Multiple pros to start now:
- Improvement of C++ and Python skills
- Increase familiarity with common analysis practice in the experiments
- Learning how to easily run MC simulators using the HepMC data output

ALICE analyses *rivetisation* was the project subject for two summer students at CERN who were able, in less than two months, to achieve comparison results with PYTHIA8 with different tunes. The D mesons and Ξc analyses will soon be uploaded in the RIVET website.

**Latest results and implementation of self-normalised multiplicity estimators**

Two of the latest ALICE papers *rivetised* are:

Missing functionalities of RIVET initially prevented us from *rivetising* new analyses → Private implementation of self-normalised multiplicity estimators based on:
- V0M detector amplitude → V0M /<V0M>
- Number of SPD tracklets → $N_{SPD}$/<$N_{SPD}$>

Both quantities are now well reconstructed as shown in the comparison between published results and RIVET ones with PYTHIA8.