Contribution ID: **8**   Type: **not specified**

Data combination - in practice

Tuesday 29 March 2022 15:30 (45 minutes)

The lecture will address practical aspects and possible pitfalls when combining particle physics measurements or limits and will give pointers to methods and tools that can be used for that purpose. One particular focus will be the combination of single valued and multiple valued (differential) measurements with complex correlations between their nuisance parameters. The lecture will be accompanied by hands-on examples. A CERN account with the possibility to log in to lxplus is recommended, but all examples can also be followed without running the software.

For use of convino code at lxplus.cern.ch:

After login do:

bash

cd /afs/cern.ch/user/j/jkiesele/public/Convino/latest

source lxplus_env.sh

cd

mkdir convino_tutorial

cd convino_tutorial

convino /afs/cern.ch/user/j/jkiesele/public/Convino/latest/examples/exampleconfig.txt

cp -r /afs/cern.ch/user/j/jkiesele/public/Convino/tutorial/* .

Presenter: KIESELER, Jan (CERN)

Session Classification: Data combination