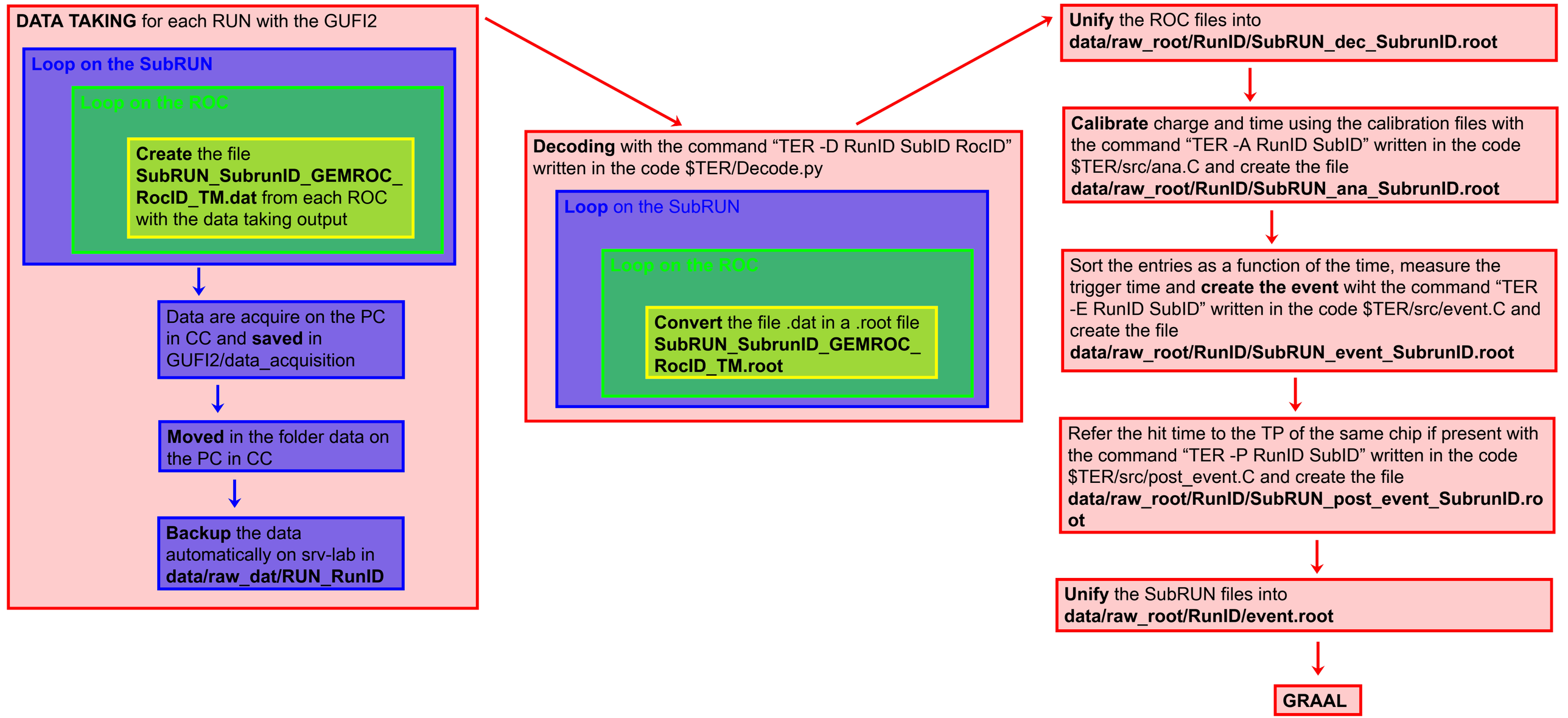
DATA TAKING for each RUN with the GUFI2
Loop on the SubRUN
Loop on the ROC
Create the file **SubRUN_SubrunID_GEMROC_RocID_TM.dat** from each ROC with the data taking output
Data are acquire on the PC in CC and **saved** in GUFI2/data_acquisition
Moved in the folder data on the PC in CC
Backup the data automatically on srv-lab in **data/raw_dat/RUN_RunID**
Decoding with the command “TER -D RunID SubID RocID” written in the code $TER/Decode.py
Loop on the SubRUN
Loop on the ROC
Convert the file .dat in a .root file **SubRUN_SubrunID_GEMROC_RocID_TM.root**
Unify the ROC files into **data/raw_root/RunID/SubRUN_dec_SubrunID.root**
Calibrate charge and time using the calibration files with the command “TER -A RunID SubID” written in the code $TER/src/ana.C and create the file **data/raw_root/RunID/SubRUN_ana_SubrunID.root**
Sort the entries as a function of the time, measure the trigger time and **create the event** wiht the command “TER -E RunID SubID” written in the code $TER/src/event.C and create the file **data/raw_root/RunID/SubRUN_event_SubrunID.root**
Refer the hit time to the TP of the same chip if present with the command “TER -P RunID SubID” written in the code $TER/src/post_event.C and create the file **data/raw_root/RunID/SubRUN_post_event_SubrunID.root**
Unify the SubRUN files into **data/raw_root/RunID/event.root**
GRAAL