

Current Status

Task: include ZDC in data (also include BD & T0 branches for analysis)

- **PV in data was found**
 - **Bug was found => not all vertex were in the output files <= fixed**
- **DQGSM events from data PV were simulated**
 - **/eos/nica/bmn/sim/gen/DQGSM**
 - **Zdc geometry & GEANT3? <=Geant3 first step**
 - **rootgeom_bmnzdc_104mods_v2_Zpos_8759mm_Xshift_422mm_Yshift_14mm.root**
 - **rootgeom_bmnzdc_104mods_v2_Zpos_8759mm_Xshift_457mm_Yshift_-14mm.root**
 - **Problems with GOVORUN cluster**
 - **No libraries for FairSoft may16p1 (libSM6, libICE) <=fixed**
- **Next:**
 - **Make CbmStsDigi ...**
 - **MK for Run6?**

Current Status

- **Embedding scheme:**
 - **Get PV => QGSM MC Geant3 => MCPoints to CbmStsDigi**
 - **=> CbmStsDigi to experimental format (BMN_DIGIT tree)**
 - **Reconstruct events => Analysis => select events with Lambda**
 - **=> Redo new file to experimental format**
 - **Make new data set**
 - **Raw data file+embedding_file=> new data file**
 - **FairSoft & FairRoot oct17p1**
 - **BmnZdcDigiProducer error <= fixed!!**
 - **Soon macro will be ready for production <=now here**
 - **Data analysis (including efficiencies for tracks)**
 - **Calculate efficiency of reconstruction**
- **Main goal => all-in-one: automatization, notes in code**
- **MC with ZDC & BD <= in the progress**