

Assignee: P.-A. Loizeau

- Activities linked to WP2 in 2020-2022 period:
 - Finalization and support of the control SW for the AFCK based readout chain for the STS-XYTER (CBM STS laboratory, Kolkata CBM MUCH laboratory, mCBM 2020, BM@N tests)
 - mCBM
 - On-site support in the operation of the CBM DAQ prototype for mCBM 2020-21-22 campaigns
 - Development of a Python framework to control the CRI boards (High level part) and help for related detector-oriented developments, used for production in mCBM 2022 campaign
 - Development and support of online data monitoring tools for various mCBM detectors
 - Development and support of raw data unpackers and of event builders for mCBM
 - Test-deployment of these on the mFLES and Virgo clusters at GSI with the FairMQ framework to validate online processing concepts and test physical connections
 - Coordination of the “Experiment and Detector Controls” CBM computing project
 - Development of an “Experiment Control System” prototype for mCBM and CBM
 - General support and development with Cbmroot for CBM simulation and data analysis