**Minutes of CGEM DAQ discussion**

**Participants:** Mingyi Dong, Zheng Wang, Jingzhou Zhao, Wenxuan Gong, Michela Greco, Giulio, Shengsen Sun, Fei Li, , Tingxuan Zeng

February 17nd, 2025

Wenxuan shared the tests with the fast control signals for CGEM. The trigger fast control work properly in all stages of CGEM installation and testing.

FULL signal, Giulio mentioned that the CGEM FULL is masked off so it is not worked. Maybe if masked on, the full signal will work. Jingzhou explained that for ZDD it is masked off for stable running, will let Dongsheng to help test with the full signal.

Jingzhou mentioned to make sure the MTI module is in good status one should avoid destroying the module. There is only one for CGEM.

Michela showed the tests results last two days. Have taken some data with BESIII fast control system. Michela mentioned the event rate can reach 4KHz. The logging system can be removed to optimize the system.

Mingyi mentioned CGEM can take data together with the whole system.

Shengsen asked.

1. Data format ， if discussed ? Angelo will answer the question.

Q1: No extra structure of GUFI.

Q2: have checkbit already in GEMROC data format.

Q3: Angelo will answer

Mingyi asked to prepare new hardware. Tingxuan will provide a industry server tonight and connected it to network.