**GEM Technical Coordination Meeting**

**(Dedicated for GEM Mock-up in 904)**

**August 01, 2014 at 15:00**

Present: Ian, Saleh, Antonio, Amir, Plamen

* As it is decided in GEM technical Coordination meeting (few weeks ago) to make a GEM Mock-up in 904 with all services connected. For this 4 super chambers mock-up is planned to make in order to replicate the slice test.
* For GEM Patch panel relevant persons are nominated to provide the information’s
* High Voltage (Ian and Saleh)
* Low Voltage (Ian and Saleh)
* Gas (Ian and Saleh)
* Coolant (Antonio, Plamen and Georgi)
* Optical readout connector (Yifan Yang)
* Alignment (Zoltan)

Everyone will provide the information’s that

* How much space and type of connector (or way of connecting at the PP) required for each service as listed.
* Antonio will prepare the new version of Patch Panel drawing according to provided information’s.
* Old version 3D pdf drawing of Patch Panel will provide by Antonio, for this Shariq will be kept in loop.
* First version of the new patch panel is planned to be ready in September 2014.
* Most of us are interested to make the real GEM (foils and electronics) Mock-up or close to real. (For this more resources required need to discuss).
* Mechanical structure of Patch Panel and chamber will prepare by Aachen University, current scenario need to discuss with Archana.
* Plamen suggested to use the Sweden Swagelok for coolant connector, he is interested to take part in Mock-up preparation activities.
* Next Meeting will on August08, 2014 at 3pm, venue and agenda will be circulated later.