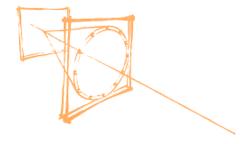
## 7th International Workshop on Ring Imaging Cherenkov detectors (RICH 2010)



ID de Contribution: 24 Type: Poster

## Development of a CBM-RICH prototype in Pusan

jeudi 6 mai 2010 10:00 (1 minute)

In context of the R & D for the CBM-RICH detector [1], a prototype detector has been developed in Pusan, Korea. This RICH prototype detector with a spherical concave CBM-Mirror [2] and Multi-anode PMTs (H8500 & H8500C-03, Hamamatsu) is tested at an electron beam ( $p_e \sim 60 \text{MeV/c}$ ) at the Test LINAC in the Pohang Accelerator Laboratory in Korea.

This poster will present the preliminary detector performance with nitrogen gas as radiator and the operation of a gas monitoring and Control System (GCS) based on PVSSII.

## Reference

- [1] C. Höhne et.al, NIM A 595 (2008) 187
- [2] M. Dürr, A. Braem and C. Höhne, FAIR-EXPERIMENTS-15, GSI Scientific Report 2008.

Please indicate "poster" or "plenary" session. Final decision will be made by session coordinators.

poster

Auteur principal: M. YI, JunGyu (Pusan National University)

**Co-auteurs:** M. SON, ChangWook (Pusan National University); Prof. YOO, In-Kwon (Pusan National University); M. OH, Kunsu (Pusan National University); M. CHOI, KyungEon (Pusan National University); THE CBM, collaboration (Compressed Baryonic Matter, GSI)

Orateur: M. YI, JunGyu (Pusan National University)

Classification de Session: Poster Session 2 (Summary)

Classification de thématique: Research & Development for future experiments