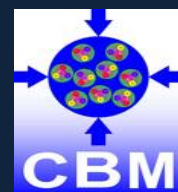




Guwahati Pre-meeting on FAIR Project of GSI, Darmstadt, Germany

Department of Physics, Gauhati University, Guwahati



Date: 28th September 2019

Venue: Seminar Hall, GUIST

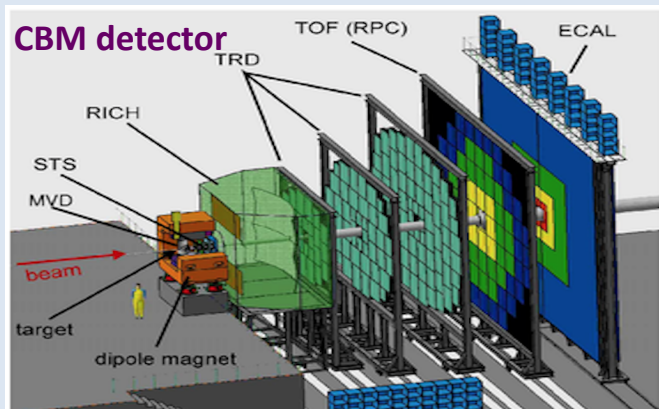
FAIR EXPERIMENT

The future international accelerator Facility for Antiproton and Ion Research (FAIR) in Darmstadt, Germany, is one of the largest research programs worldwide. This research will provide insights into the structure of matter and the evolution of the universe from the Big Bang to the present. The FAIR research is mainly subdivided into four major experiments: NUSTAR, CBM, PANDA and APPA.

NUSTAR: The NUSTAR collaboration is devoted to the study of NUClear STructure, Astrophysics, and Reactions.

PANDA: It intends to do basic physics research on various topics about weak and strong forces, exotic states of matter and the structure of hadrons.

APPA: It is an international collaboration working on Atomic Physics, Plasma Physics, Condensed Matter Physics etc.



CBM: It will be dedicated to explore the QCD phase diagram in the region of high baryon density and moderate temperature.

Scope of the Meeting

Guwahati in particular, and the North East India in general, host a number of universities and research institutes where advance researches in Nuclear and Particle Physics, Astrophysics, Atomic Physics, Material Science, Plasma Physics, Bio Physics etc. are carried out. This meeting will provide an excellent opportunity to researchers of this region to know about FAIR facilities and explore the possibility of future collaboration with GSI-FAIR, Germany.

Probable speakers of the meeting

Dr. Norbert Herrmann (GSI, Germany)
Dr. Volker Otto Fries (GSI, Germany)
Dr. S. Chattopadhyay (VECC, India)

Dr. Christian Schmidt (GSI, Germany)
Dr. Christian Sturm (GSI, Germany)
Dr. B. Bhattacharjee (GU, India)

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Registration fees: 200/- for Students/Research Scholars and 300/- for Faculty.
Certificate of participation will be issued to the registered participants only.

For registration form [click here](#)