



# Project: Facility for Antiproton and Ion Research (FAIR)

## Prof. Bikash Sinha, Former Director, VECC & SINP, Kolkata

### Genesis of ALICE-CERN and FAIR collaboration with India



#### Abstract:

- Indian researchers have been playing a major role in the ALICE experiment at CERN for the search of the deconfined state of strongly interacting matter called Quark Gluon Plasma. India is also playing a major role in building accelerator components and detectors for the upcoming FAIR facility at Darmstadt, Germany. Both these collaborations were initiated keeping India's future role in megascience projects. The genesis of these participations will be discussed

#### About the Speaker:

- Prof. Bikash Sinha, former Director of VECC and SINP, a fellow of several academies including 3rd World Academy of Sciences, Italy and recipient of numerous awards is an eminent physicist and contributed immensely in the field of Quark Gluon Plasma. He led the team from India to participate in the experiments at CERN, Geneva, RHIC at BNL, USA and more recently FAIR in Germany. Dr. Sinha is the recipient of S.N. Bose Birth Centenary Award of the Indian Science Congress Association in 1994. Dr. Sinha has been conferred Padma Shri and Padma Bhushan Awards by the Government of India in 2001 and 2010 respectively for his significant contribution in Science & Technology. Dr. Bikash Sinha was the Vice-chancellor of West Bengal University of Technology. Apart from scientific contributions, he is a regular writer on popular science in Bengali.

