



BOSE INSTITUTE COLLOQUIUM

MARCH 15, 2023 (WEDNESDAY) at 4 PM

Main Auditorium, Unified Academic Campus
Bose Institute

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Title and Abstract :

History of the development of particle detectors in India

India has a rich history in the indigenous development of particle detectors and conducting experiments in the field of cosmic rays and particle physics. D. M. Bose at Kolkata, Piara Singh Gill at Aligarh, and Homi Bhabha at Mumbai were the early pioneers. From 1960 onwards a series of experiments conducted at the deep underground laboratory at Kolar Gold Fields using indigenously developed detectors have put India on the world map of experimental science. India also has an ambitious plan to build a giant 50 kton magnetized iron calorimeter to study the properties of neutrinos. This rich history will be narrated by the speaker who himself was closely associated with some of these developments.



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