

Tapan K. Nayak

- 1990 PhD: NSCL/Michigan State University
 - Emission Temperatures from the Decay of Particle Unstable Complex Nuclei
 - Calorie curve
- 1990 – 1993: Post-Doctoral Fellow at Columbia University
 - E802 Collaboration: HBT analysis
 - PHENIX: Time-of-Flight, Hadron Physics, HBT
- 1994 – 1996: Guest Scientist at GSI/CERN
 - WA98 Collaboration
 - ❖ Fluctuations of charged particles and photons
 - ❖ DCC (Disoriented Chiral Condensates) search
- 1997 – 2018: Scientist, VECC, Kolkata
 - STAR Collaboration
 - ❖ QCD Critical Point, RHIC Beam Energy Scan (**First STAR proposal**)
 - ❖ Higher order moments (**initiated, first data analyses in STAR in 2007**)
 - ALICE Collaboration
 - ❖ Photon Multiplicity Detector (for DCC search)
 - ❖ Event-by-event Fluctuations/Correlations
 - ❖ Thermodynamic response functions
- 2018 – ... : NISER / CERN
 - ALICE Collaboration
 - ❖ Fluctuations/Correlations
 - ❖ ALICE Communications

