

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
2A&B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032, India

IACS Colloquium in Physics

Speaker : Prof. Naba K Mondal, DAE Raja Ramanna Fellow, Saha Institute of Nuclear Physics, Kolkata

Title of the talk :Neutrino Physics- Current Status & Future Prospects

Date: January 17, 2018

Time: 04:00 pm

Venue: S N Bose Hall

Abstract:

Discovery of neutrino oscillation and the corresponding implied inference that neutrino has mass brought neutrino physics on the centre stage of particle physics research. Physics Nobel Prize in 2015 was awarded for this very important result. Discovery of neutrino oscillation is however only the beginning of an exciting era of intense experimental activities in neutrino physics. A new set of experiments are currently operational and another set of experiments are at different stages of construction or planning. Results from these experiments will take neutrino physics from discovery to precision measurement era. Some of these latest results and physics potentials of the planned experiments will be discussed in this presentation.

All are cordially invited to attend the Colloquium.