

Dr. Sanjib Kumar Agarwalla has won the prestigious B. M. Birla Science Prize in Physics for the year 2018

Dr. Sanjib Kumar Agarwalla of Institute of Physics, Bhubaneswar has made several insightful contributions in neutrino physics. He and his team have contributed significantly in identifying novel methods to determine the neutrino mass ordering, mixing angles, and CP-violation in the lepton sector, all of which are pressing fundamental unsolved issues. He has performed precision electroweak tests using neutrinos and looked for new particles and non-standard interactions in neutrino oscillation experiments. Recently, he along with his team has been exploring the possibility of a light eV-scale sterile neutrino. He has been also working on the indirect detection of dark matter, another fundamental puzzle of our Universe. Besides, he is also actively involved in the India-based Neutrino Observatory (INO) project and spending a substantial amount of his research time for this experiment. Dr. Sanjib Kumar Agarwalla is the single award winner of the B M Birla Science Prize in Physics for the year 2018.

