

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

2A & 2B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032, India

Seminar Notice

Org. by

School of Physical Sciences

Title:	Neutrinos and flavor symmetries
Speaker:	Dr. Biswajit Karmakar, Institute of Physics, University of Silesia in Katowice, Poland
Date:	May 4, 2022 (Wednesday)
Time:	16:00 Hours (IST)
Venue:	Physics Seminar Room (C406), 3rd Floor, Centenary Building, IACS
Abstract:	We discuss neutrino mass and mixing models based on discrete flavor symmetries. These models can include a variety of new interactions and non-standard particles such as sterile neutrinos, scalar Higgs singlets and multiplets. We point at connections of the models with leptogenesis and dark matter and the ways to detect the corresponding non-standard particles at intensity and energy frontier experiments.

All are cordially invited to attend the seminar