

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

Seminar Notice

Org. by

Theoretical Physics Department

Title:	Some Novel Features of Spacetime Torsion and its Astrophysical Implications
Speaker:	Sumanta Chakraborty, Theoretical Physics Department, IACS
Date:	June 14, 2018 (Thursday)
Time:	3:00 p.m.
Venue:	Theoretical Physics Seminar Room (C406), 3rd Floor, Centenary Building, IACS
Abstract:	In this talk, I will discuss some novel thermodynamic features in presence of spacetime torsion. In particular, I will demonstrate that the black hole entropy does not get corrections even when spacetime torsion is brought into the picture. Having established such counter-intuitive features, I will discuss some astrophysical implications of the presence of torsion in the context of strong gravitational lensing.

All are cordially invited to attend the seminar