



Presents

*OUR STAR – THE SUN*

TO MARK THE 82<sup>nd</sup> BIRTH ANNIVERSARY OF STEPHEN HAWKING

PLACE:

CNCB Academy of Science & Technology  
Taradapada , Jagatsinghpur-754103, Odisha

<https://cncbacademy.com>

8<sup>th</sup> January 2024

Speaker:

Devashish Sanyal

Associate Prof, CNCB

Date and Time : 8<sup>th</sup> January 2024, 10:00

ABSTRACT:

Stephen Hawking , a rare genius , worked in theoretical cosmology and made seminal contributions in the field of the origin of space-time , the physics of black holes among other topics. We mark his birth anniversary by trying to understand a cosmological wonder , a star that matters to us the most - the Sun. Though we understand quite a few features of the Sun, it still remains a thrilling enigma. In this seminar we will try to understand the physics of the Sun- the production of energy in the Sun and how its various layers transfer the energy of the photons across the sun before they race out into the universe. There will also be the screening of a documentary after the seminar on the same subject where solar physicists and astrophysicists will explain various solar phenomena in their own way.

All are welcome

