

# D. M. Bose Memorial Lecture 2018

**134<sup>th</sup> Birthday of  
Prof. Debendra Mohan Bose**

**26<sup>th</sup> November, 2018 | at 3.00 p.m.**

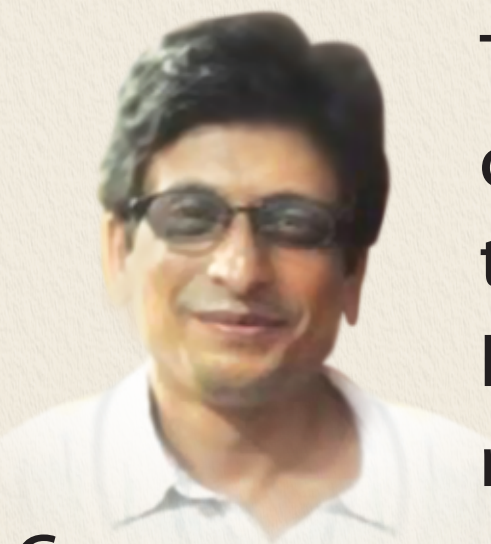
*Speaker*

**Prof. Somak Raychaudhury**

Inter-University Centre for Astronomy and Astrophysics

*Titled*

## **Going to Space to Observe the Sky**



Traditionally the sky has been observed through optical telescopes, first with the eye, and then with the help of photographic and solid-state detectors. However, our atmosphere prevents most of the radiation, e.g. Infrared, Ultraviolet, X-rays and Gamma-rays and charged particles, from celestial sources, from reaching the Earth's surface. Early research by Professor D M Bose involved observing cosmic rays from Darjeeling and surroundings, and similar research on high-energy photons were carried out from aircraft and balloons. Now we have observatories in orbit. I will give an account of how some essential knowledge of the Universe cannot be observed from the ground, and needs to be accessed from observatories at high altitude, or in orbit, and what major challenges we face in observing from Space.

**Venue | Bose Institute Lecture Hall, 93/1, A P C Road, Kolkata 700 009**

**All are Cordially Invited**