

S. N. Bose National Centre for Basic Sciences

series of talks on

Illustrious Indian Scientists
in Pre-independence Era



27th August, 2021



Webinar Link



04:00 PM



YouTube Link

Title of the Talk

The Life and Work of Satyendra Nath Bose

Abstract

The life, times and scientific work of Satyendra Nath Bose (1894 - 1974) will be described in this talk. We shall start with an introduction to the quantum theory of blackbody radiation, where Bose made his epoch-making contribution. We will then take a look at the early life of Bose and the fertile intellectual milieu which created this man of genius. The story of his famous discovery of Bose statistics will then be taken up. The last part of the talk will be a panorama of Bose's later life as a national celebrity, but a largely-forgotten figure on the international scene. We shall conclude with some critical comments on the story of this great scientist and his legacy.

The Speaker



Prof. Sreerup Raychaudhuri
Tata Institute of Fundamental
Research, Mumbai

Prof. Sreerup Raychaudhuri obtained his Ph.D. in elementary particle physics from the University of Calcutta in 1994. He was then a postdoc at TIFR, Mumbai and at CERN, Geneva before joining the Faculty of Physics at IIT Kanpur in 1999. In 2007, he moved to TIFR, where he is now Professor of Theoretical Physics, as well as Dean, Administration. He has worked extensively on electroweak interactions, supersymmetry, extra spacetime dimensions and techniques to search for new particles at high energy accelerator machines. He has also written two books, one on Extra Dimensions, published by the Cambridge University Press in 2016, and one on the History of Indian Science, which is being published by Springer-Nature in 2021. Apart from his research and teaching, Prof. Raychaudhuri takes great interest in popularising science through articles and lectures.