



S. N. Bose National Centre for Basic Sciences

series of talks on

Illustrious Indian Scientists in Pre-independence Era



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Title of the Talk

Remembering a star from another sky

Abstract

Dr. Bibha Chowdhuri was the first women high-energy physicist of India. With Prof. D. M. Bose, she carried out path breaking research on identifying new particles in cosmic rays and published four papers in Nature. Later she did her PhD from the University of Manchester with Prof. P. M. S. Blackett on Extensive Air Showers.

She worked in reputed research institutes like Tata Institute of Fundamental Research and Physical Research Laboratory.

But she was largely forgotten by the scientific community and accolades and recognitions eluded her.

In this talk, I will trace the journey of Dr. Bibha Choudhuri and will recount her pioneering research work and her dedication, despite the odds with the hope that her life story will inspire all, especially women to pursue the challenges of research in science.

The Speaker



Prof. Srubabati Goswami

Physical Research Laboratory,
Ahmedabad

Professor Srubabati Goswami is currently Senior Professor at Physical Research Laboratory (PRL). She holds a PhD in neutrino physics from the University of Calcutta and has done post-doctoral research in PRL and Saha Institute of Nuclear Physics, Kolkata. She joined as a faculty at Harish Chandra Research Institute in 2002 before moving to PRL in 2008. She works on high energy particle physics with special focus on neutrinos. She has many awards and honors to her credit including the C. V. Raman Mahila Vigyan Purashkar from SVA, Karnataka (2016); Ramanujan Fellowship by DST (2008); NASI-Dr P Sheel Memorial Award for young women scientists (2006); Humboldt Fellowship (2005), Germany; JSPS fellowship (2002); and DST Fast Track Proposals for Young Scientists 2001–2002. She is a fellow of all the three Science Academies in India and a member of the India-based Neutrino Observatory collaboration. She has been elected as a Fellow, The World Academy of Sciences in 2021.