



Bose Colloquium

13th July, 2018 | 4pm | Silver Jubilee Hall



SPEAKER

Prof. Dwarka Nath Bose

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Title

Reminiscences and Reflections on Semiconductors

Abstract

I have precious memories of meeting Prof S N Bose on many occasions from 1950 onwards as he was a close friend of my father Dr Sunil Bose. I shall recount some interesting and amusing incidents. My talk will then focus on many aspects of semiconductors – extraction, crystal growth, thin film deposition, epitaxy and applications with reference to the work carried out at the Materials Research Centre IIT Kharagpur. Although a 'classical' material, the continuing importance of Silicon, GaAs and GaN starting from fibre-optic communication to photovoltaics, CCDs, blue LEDs and lasers keep them at the cutting edge of science and technology.