

**National Science Day Lecture, Feb 28, 2020, 1715 hrs
Homi Bhabha Auditorium, TIFR, Mumbai 400005**

The Mysterious Magnetic Personality of the Sun



**Prof. Arnab Rai Choudhuri
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J.C. Bose National Fellow
Fellow, National Science Academies**

Prof. Rai Choudhuri, a famous solar physicist has grappled with the phenomenon of magnetic field evolution in the Sun, as beautifully captured in his recent popular book "Nature's Third Cycle".

Why do sunspots have a 11 year cycle?

What causes violent explosions known as solar flares?

How does the magnetic field affect the solar wind?

Why is the solar corona hotter than the surface?

Do you know that solar storms can black out communications?

Come, listen to the unravelling of these mysteries.....



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