

Public Lecture



The Particle Hunter's Guide

From the electron to the Higgs boson, physicists have discovered many subatomic particles over the last 100 years. These particles are extremely tiny, some may not even have any size!. They travel almost at the speed of light. Unlike normal matter all around us, we can not see these particles with our eyes. How do we know they exist? What are the tools needed to detect these elusive particles? Whether you want to be particle physicist or are just curious about subatomic world- this talk is a must for you!



Speaker

Prof. Naba K. Mondal

Project Director,
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Prof. Naba K Mondal, played a key role in the Kolar Gold Field (KGF) nucleon decay experiment. He was involved in the DZERO experiment at Fermilab, US. He was the leader of the Indian group for designing and building the Outer Hadron Calorimeter for the CMS experiment at CERN. He is now involved in the development of a world class underground laboratory in India for carrying out research in the emerging field of neutrino physics. He is a fellow of The World Academy of Science, Trieste; Indian National Science Academy, New Delhi, Indian Academy of Sciences, Bangalore and The National Academy of Sciences, Allahabad. He is also a J.C.Bose National Fellow

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Venue : Physics Department Auditorium

Department of Physics, Panjab University, Chandigarh