



Project: India-based Neutrino Observatory (INO)

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What is common between life, the Universe and an Underground lab?



Abstract:

- Neutrinos hold the key to the evolution of the Universe as well as all life in the Universe. Just why this is so, and how the proposed India-based Neutrino Observatory (INO) can help in unfolding one of the important mysteries of the Universe, comprises the focus of one of the most ambitious and completely indigenous science projects proposed in India today. This talk will provide the necessary background to understand the science and engineering involved in building INO.

About the Speaker:

- D. Indumathi completed her PhD from the Institute of Mathematical Sciences, Chennai. She then worked in many institutions in India and abroad before returning here as a faculty member. She is interested in particle physics phenomenology, which tries to explain the observable Universe in terms of appropriate theories or models to reach a better understanding of it. She is interested in science education and science popularisation and outreach, especially to school and college students and the lay public.

