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December 21, 2018

ASET Colloquium**Speaker : Dr. Milind Diwan (*Brookhaven National Laboratory, USA*)****Title : Advances in detection of Neutrinos****Date & Time : Friday 04 January 2019 at 16:00 hrs.****Venue : Lecture Theater (AG-69)****Abstract :**

Neutrinos are invisible neutral particles that are constantly passing through us from all directions. In the last few decades we have learned to detect them with many techniques. These observations have led to new discoveries and questions about our universe. In this presentation, I will provide basic understanding of the technology of neutrino detectors. I will illustrate this with many examples of past and present detectors. I will also provide some details of new technologies that are emerging.

About the Speaker:

Dr. Milind Diwan did his Masters (1984) and PhD (1988) from Brown University - winning the outstanding thesis research award for the latter. For over 30 years, he has held many important positions at various prestigious institutes spread over Americas and Europe. The plan he developed and promoted is now the highest priority fundamental science project in the US called LBNF/DUNE. He published more than 150 papers. He is a Fellow of American Physical Society, besides winning several awards for his achievements in and contributions to High Energy Physics.



Dr. Satyanarayana Bheesette
(Coordinator, ASET Forum)