



Physical Research Laboratory

Tuesday Seminar

Report on the current radiocarbon measurements by PRL-AMS

Abstract

AMS (Accelerator Mass Spectrometry) is nowadays a commonly adopted method for the measurement of natural radioisotopes having very low abundance such as radiocarbon. The greatest advantage that AMS radiocarbon dating has over conventional methods is small sample size. AMS needs 1 milligram carbon or less for an analysis whereas conventional methods require at least a few grams of carbon. PRL-AMS presently tuned for radiocarbon, is successfully being used for dating variety of small size carbon samples. Basic features of the machine, efforts towards target preparations and some results on sub-milligram level carbon samples will be presented.

Speaker: Dr. M. G. Yadava
GSDN

Date	Time	Venue
30-October-2018	16:00 Hrs	Ground Floor Lecture Hall

All are invited to attend and participate in discussion

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