

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

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**AMY:
Air Microwave Yield**

Recently, the observation of a microwave continuum emission from air shower plasmas has raised the interest in a possible new technique for detection of cosmic-ray extensive air showers. The AMY experiment will be able to measure and characterize the microwave emission from air shower plasmas. The aim is to obtain an absolute calibration of the process and to measure the spectrum in the frequency range between 1 and 25 GHz. The measurement will be performed at the Beam Test Facility (BTF) of the Laboratori Nazionali di Frascati.

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LNGS - “B. PONTECORVO” ROOM**