



Contribution ID: 18

Type: **not specified**

The AMY experiment to investigate the GHz emission from air shower plasmas.

Wednesday, 11 June 2014 14:00 (25 minutes)

The Air Microwave Yield (AMY) experiment investigate the molecular bremsstrahlung radiation emitted in the GHz regime from an electron beam induced air-shower .

The measurements have been performed with 510 MeV electron beam in a wide frequency range between 1 and 20 GHz.

We present the apparatus and the results of the tests performed at the Beam Test Facility (BTF) of Frascati INFN National Laboratories.

Primary authors: Dr DI GIULIO, Claudio (INFN Tor Vergata); Dr VERZI, Valerio (Istituto Nazionale Fisica Nucleare)

Presenter: Dr VERZI, Valerio (Istituto Nazionale Fisica Nucleare)

Session Classification: Wed PM I

Track Classification: Weds PM I - GHZ / MBR