



Contribution ID: 118

Type: **not specified**

The AMY experiment: microwave emission from air shower plasmas.

Thursday, 2 October 2014 15:40 (20 minutes)

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

The measurements have been performed at the Beam Test Facility (BTF) of Frascati INFN National Laboratories with a 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.

Primary author: DI GIULIO, Claudio (ROMA2)

Presenter: DI GIULIO, Claudio (ROMA2)

Session Classification: Parallel Session I