



Contribution ID: 96

Type: **Poster**

## **【379】 Beam EDM detector characterization**

*Wednesday 28 August 2019 19:11 (1 minute)*

For the neutron Beam EDM experiment at the University of Bern, a dedicated neutron detector has been supplied by the company CDT. The detector has been amply characterized in various aspects by taking data at the beamlines BOA and SANS-1 at the Paul Scherrer Institute in September and December 2018. The results of these measurements in terms of efficiency, homogeneity, as well as wavelength and voltage dependency will be presented. Additionally, the implications of the obtained detector characteristics on the experiment are discussed.

**Primary author:** Mr SOLAR, Marc (Uni bern )

**Presenter:** Mr SOLAR, Marc (Uni bern )

**Session Classification:** Poster Session

**Track Classification:** Nuclear, Particle- and Astrophysics (TASK)