

## **Advances in the MiniBeBe Front-End design.**

*Wednesday, 16 December 2020 11:25 (0:30)*

### **Content**

Silicon Photomultipliers (SiPM) attached to plastic organic scintillator make up the primary light sensor in the MiniBeBe (MBB) detector. In this presentation, advances in the Front-End development will be presented. Moreover, an important topic for discussion is the fast output signals interconnection for SiPM arrays and its effects. Finally, the current prototype design and fabrication issues will be shown.

### **Area of contribution**

Experiment: prototypes and instrumentations

**Primary author(s) :** Dr. REBOLLEDO, Lucio (UCOL-BUAP)

**Co-author(s) :** Dr. MORENO BARBOSA, Eduardo (FCFM-BUAP)

**Presenter(s) :** Dr. REBOLLEDO, Lucio (UCOL-BUAP)

**Session Classification :** Experiment