This study is aimed to evaluate the compatibility of SiPM readout of an electromagnetic calorimeter, and the possible capability of SiPMs to improve the detector performance over standard PMT readout.

**The experimental set-up**

A piece of a lead-scintillating-fiber calorimeter is connected through light-guides to PMTs at one edge. Similar light-guides are used to connect SiPMs at the other side, testing different configuration of adapters for the guides.

- Each SiPM channel is calibrated by low-voltage regulation, using self trigger rate. The SiPMs photoelectron spectrum show enough stability in the light yields.

- The SiPM efficiency has been studied using an external trigger and cosmic rays, first preliminary results are presented.