

## Miniature gamma detector based on inorganic scintillator and SiPM

*Saturday, 10 October 2015 11:00 (15)*

The miniature gamma counter based on cylinder shape LaBr<sub>3</sub>(Ce) crystal (4 mm diameter and 10 mm length) and SensL FC30035 silicon photomultiplier (SiPM) is introduced. The main counter characteristics such as relative efficiency, energy range, LaBr<sub>3</sub>(Ce) own radioactivity and energy resolution are presented as well. Capability of using such detector for gamma spectrometry applications is discussed.

### Presentation type

Section talk (10+5 min)

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