

Project I

Group 9

Topical lectures : Cosmic Rays

Outline

1 Setup

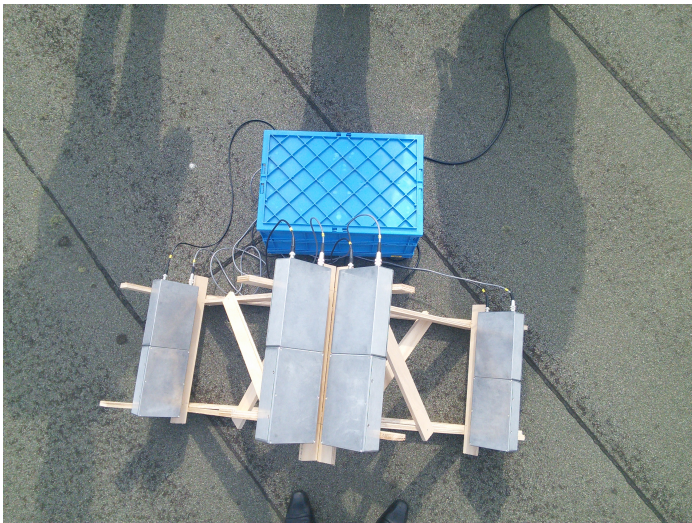
2 Preliminaries

Outline

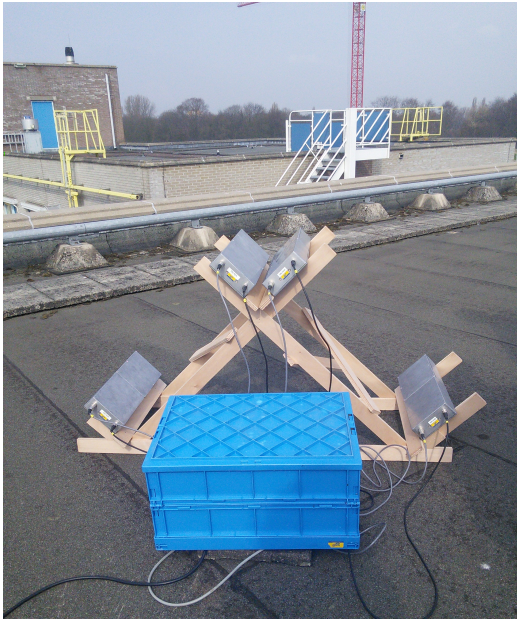
1 Setup

2 Preliminaries

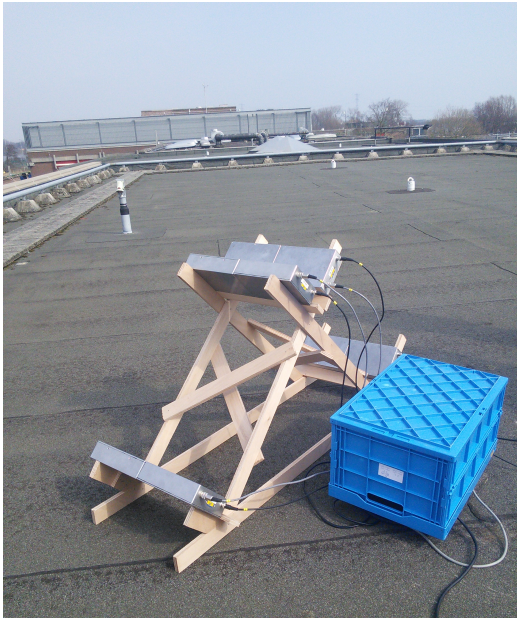
Setup



Setup



Setup



Outline

1 Setup

2 Preliminaries

- Calibration :
 - * Tuned threshold : to have approx equal count rate.
 - * Checked count rate of individual scintillators and in coincidence
- Counts :
 - * counts/min = 4.842 (East) 4.4828 (East)
 - * counts/min = 4.3224 (West) 4.2069 (West)
- Duration
 - * configuration 1 152 min
 - * configuration 2 58 min
- Distances
 - * Between scintillators 67 cm
 - * 45 degrees angle
 - * resolution approx 11 degrees

Thank you for your attention

**Questions ?
Comments !**