

*Topical Lecture Mar 2015*

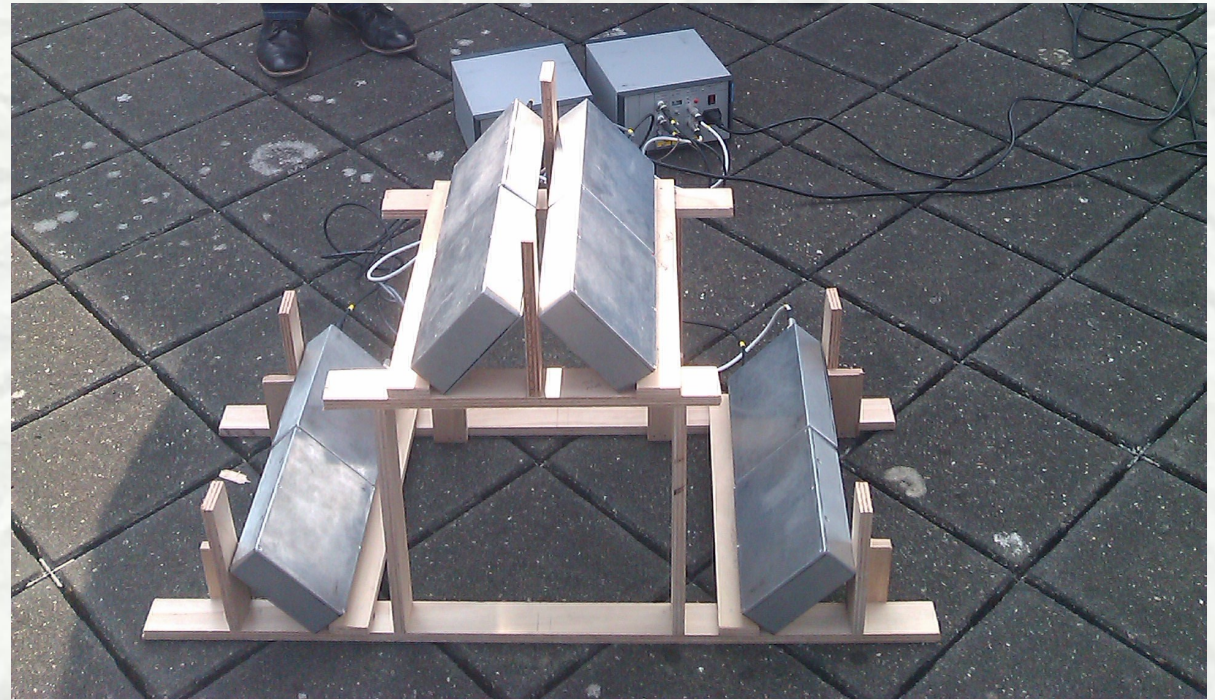
*TTOP*  
*EXPERIMENT*

*Group1*

Maarten Jelle Matteo Robert

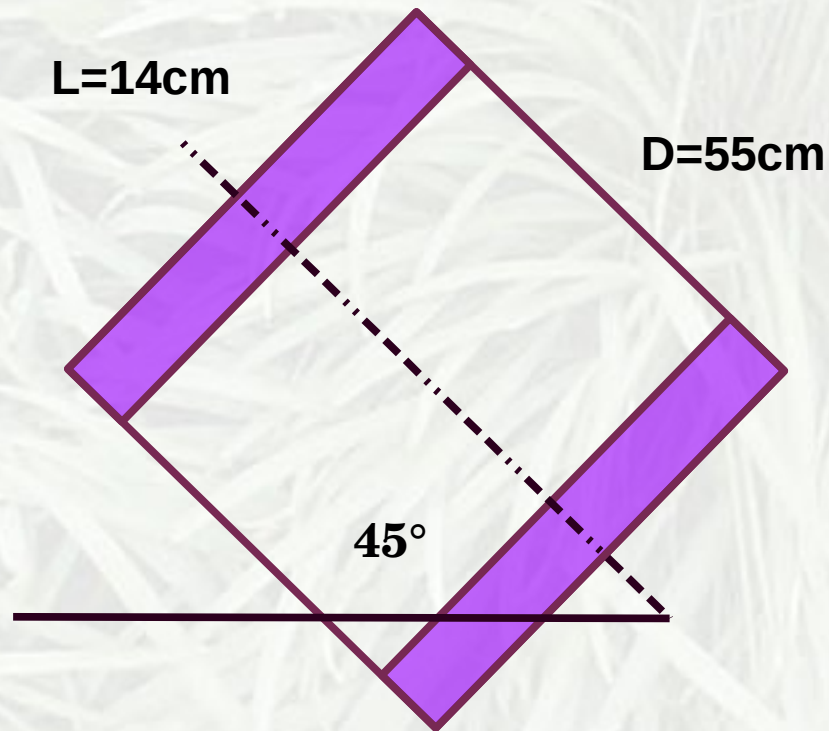
*24/03/2015*

Our (awesome) structure:  
T.T.O.P.



- Measurements at  $45^\circ$  declination from E and from W
- Cancel any significant systematics (from efficiencies) reversing directions half way through the measurement





- Acceptance:  $\alpha (L - D \cdot \tan \delta)$
- $\delta$  is the deviation from  $45^\circ$
- drops to 0 at  $\pm 15^\circ$

Results!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! ...after  
only one afternoon!!!!!!

Total amount of counts 2745

E→W

W→E

Or.1      964

964

Or.1(res) 408.5

408.5

Or.2      438

379

Difference (rescaled):       $59 \pm 40$