



EUROPEAN PHYSICAL SOCIETY  
**HEP2015**

# EDUCATION AND OUTREACH THROUGH BUILDING BLOCKS

ATLAS AND CMS OUTREACH GROUPS



26/07/15

CLAIRE ADAM-BOURDARIOS

1

# OBSERVATION : BUILDING CMS DETECTOR FROM KAPLA

## What is Kapla?

- Simple wooden blocks
- Kids love them (but not only!)
- Age limit 3-99 years
- Allows to construct anything!

Very successful during local event in May 2013

Repeated on other two occasions:

- CERN OPEN DAYS Sept. 2013 and
- CERN Neighborhood Event May 2014



26/07/15

CMS pictures available as a visual support for “builders”



60 large and 111 small ATLAS LEGO models  
57 institutes from 16 countries



## CREATIVITY :

[HTTP://BUILD-YOUR-OWN-PARTICLE-DETECTOR.ORG](http://BUILD-YOUR-OWN-PARTICLE-DETECTOR.ORG)

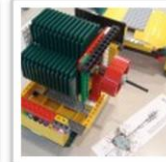
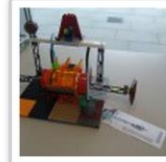


Competition for fun & prizes :

- Triggers discussion
- Outreach follow up
- Web site & social media

About 14 events in 3 years :

- researcher's nights
- Open door events



Congratulations to the winners, whom will be contacted soon.



BUILD YOUR OWN PARTICLE DETECTOR  
A PARTICLE PHYSICS OUTREACH PROGRAMME