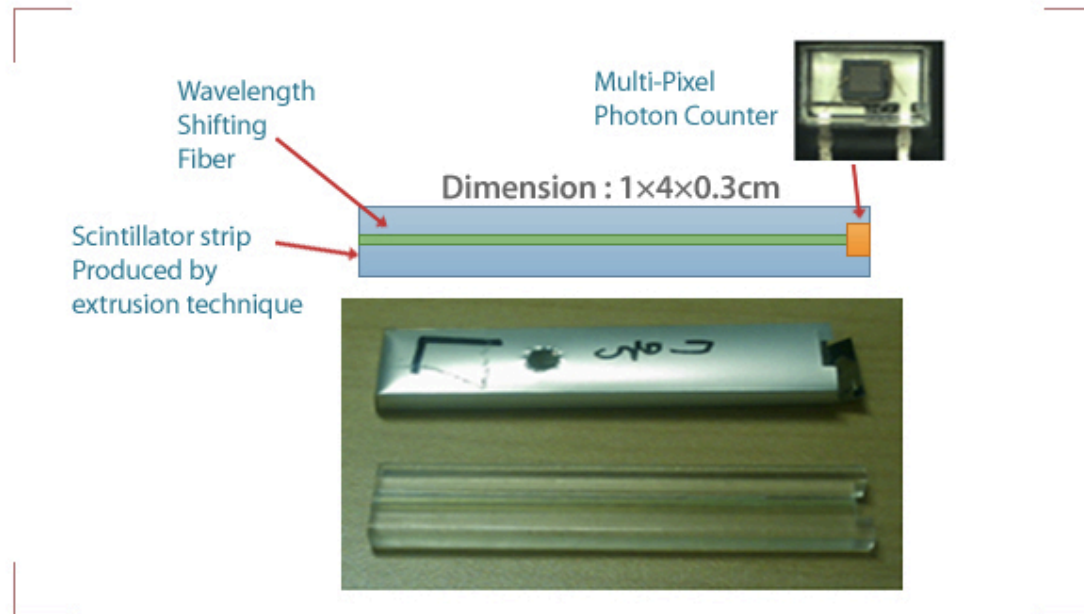
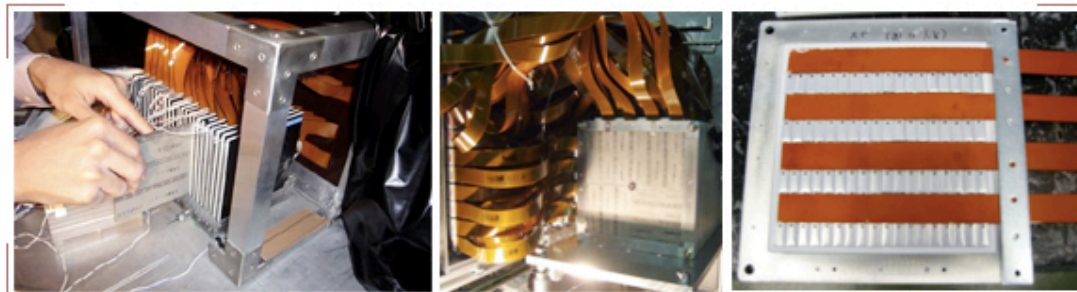


KNU Activities



The scintillator strip produced for the fine-granular calorimeter.



The prototypes of scintillator strip calorimeter (left : 1st prototype, middle and right : 2nd prototype).

Minsuk Kim

16th Nov 2013, ILD ECAL meeting

The higgs, the history, and the grid

28 years since the idea of the LHC

thousands of people worldwide

thousands of computers worldwide

Global Effort → Global Success

Results today only possible due to
extraordinary performance of

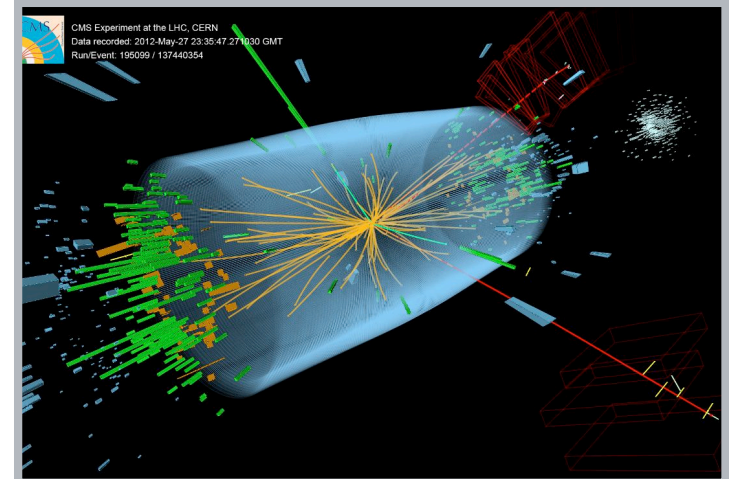
**accelerators - experiments - Grid
computing**

2013 NOBEL PRIZE IN PHYSICS

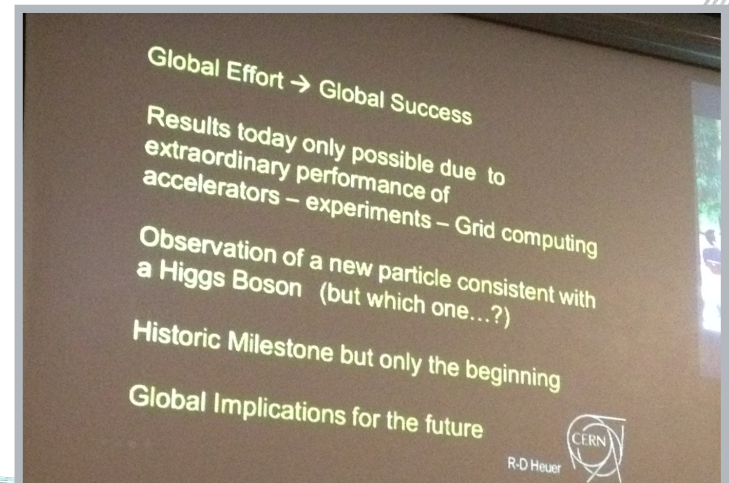
**François Englert
Peter W. Higgs**



© The Nobel Foundation, Photo: Lovisa Engblom



*July 4, 2012: a final comment
from Rolf Heuer*



From CERN to Korea

October 2013



Who am I

CMS Korea (2010-)

- RPC Commissioning Coordinator

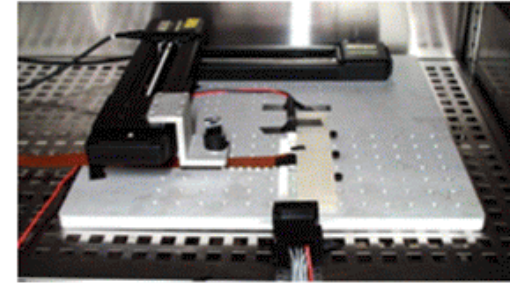
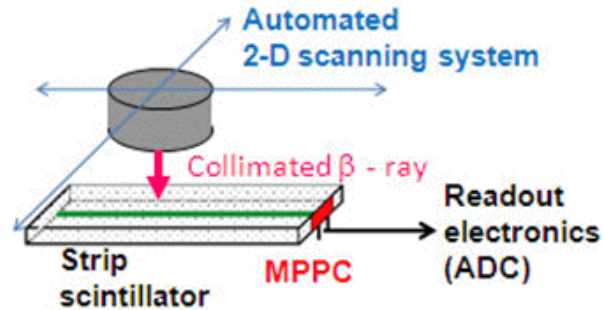
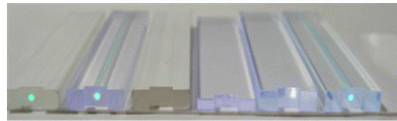
ATLAS Canada (2007-2010)

- Jet/EtMiss Expert for DQ group
- ATLAS Event Visualization team



KNU Facilities

- During last 10 years, plastic strip scintillators were produced and tested.



- DAQ systems
: Simultaneous readout of 16 channels

- VME
- NIM
- Power supply
(low DC and high voltage)



- Computing
 - 128 core , 200 TB
 - ILC simulation and test-beam data analysis can be managed

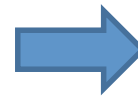
Recent Activities

Recent KNU contribution for CALICE

DESY Test Beam Shift

- 2012 Oct 14 – Oct 23

- EBU performance test
- MIP signal



- 2013 July 6 – July 15

- Multi-EBU performance test
- Synchronization b/w Si and Sc-layers

