

# Goal of the Workshop

Wolfgang Lohmann, BTU and DESY

5-th workshop in Kraków



April 29, 2013

FCAL INPPAS April 2013

# FCAL Collaboration



**Institutes involved:** AGH-UST, Cracow, Poland, ANL, Argonne, USA, CERN, Geneva, Switzerland, DESY, Zeuthen, Germany, IFIN-HH, and ISS Bucharest, Romania, INP PAN, Cracow, Poland, JINR, Dubna, Russia, LAL, Orsay, France, NCPHEP, Minsk, Belarus, SLAC, Menlo Park, USA, Stanford University, Stanford, USA, Tel Aviv University, Tel Aviv, Israel, Tohoku University, Sendai, Japan, UC California, Santa Cruz, USA, University of Colorado, Boulder, USA, Vinca, Belgrade, Serbia, Pontificia Universidad Catolica de Chile

## Final versions Done!

INTERNATIONAL LARGE DETECTOR

DBD

ILD Concept Group

2012



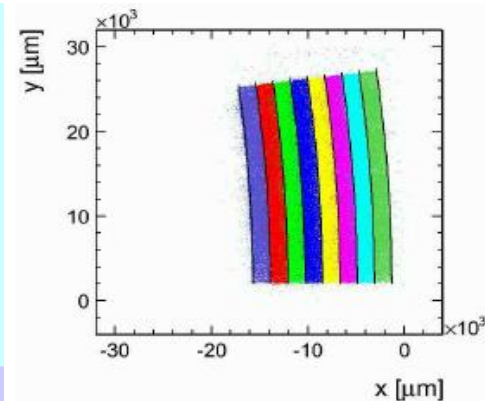
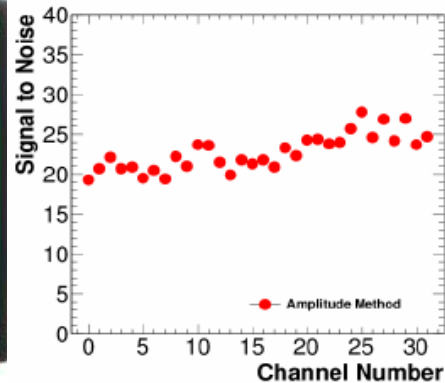
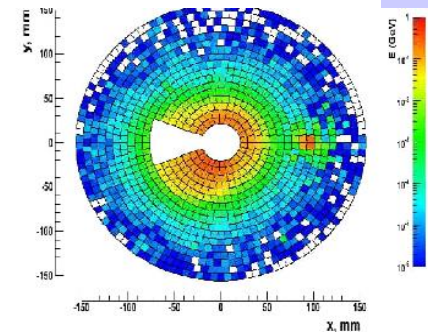
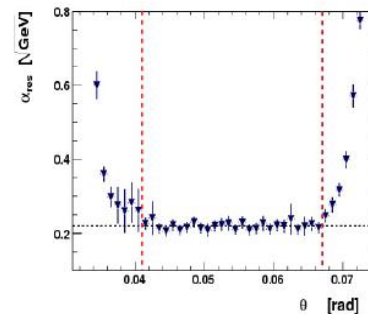
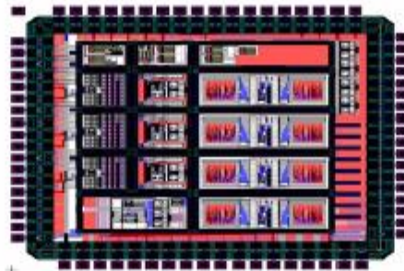
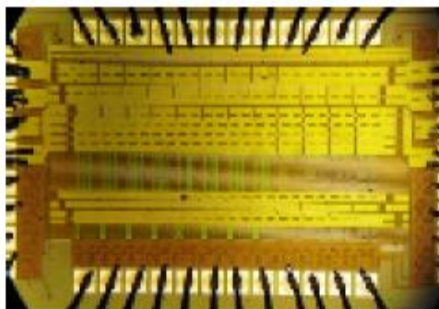
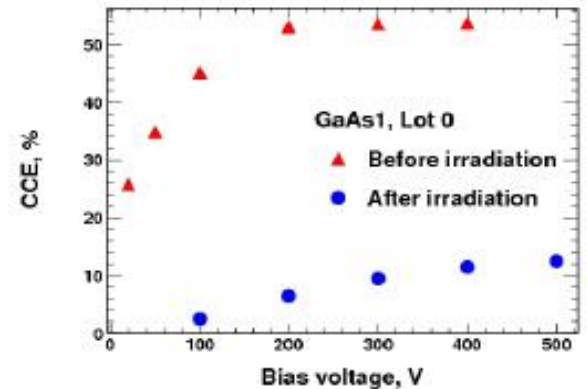
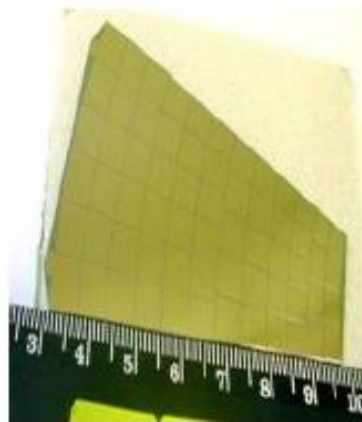
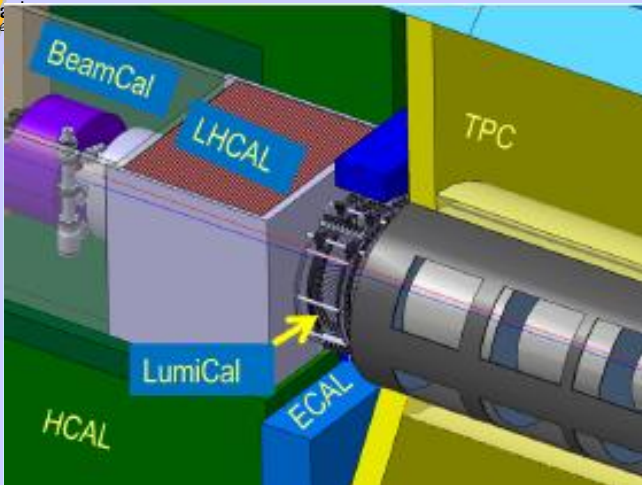
SID

DETAILED BASELINE REPORT

Both reports contain chapters describing the very forward calorimeters  
In addition: written contribution to Snowmass “white paper”



# Figures in the DBD



## --2014 AIDA

need for discussions and decisions to reach the goal of a fully functional prototype  
weak point: DAQ hardware

## After 2014

Need for a new strategy

- Unique scientific goal  
(extremely dense calorimeter, energy and spatial resolution at the limit using sandwich calorimeter .....
- Physics with forward calorimeters
- Luminosity spectrum (high statistics)
- Embedded in the ILC and CLIC strategy

## Publications

Testbeam data analysis needs to be finished and published

Talks:

Wojtek on the CHEF conference, Paris (April 2012)

<http://lir.in2p3.fr/chef2013/>

Myself on the PAC meeting in KEK (Dec. 2012)

<https://ilcagenda.linearcollider.org/conferenceTimeTable.py?confId=5843#20121214>

## Important Dates:

- ECFA workshop May 2013 (DESY)
- Snowmass (APS) June
- LCWS 2013 in Tokyo (Oct./Nov.)

Our next meeting ???

