

European Digital Hadronic Calorimeter Collaboration meeting

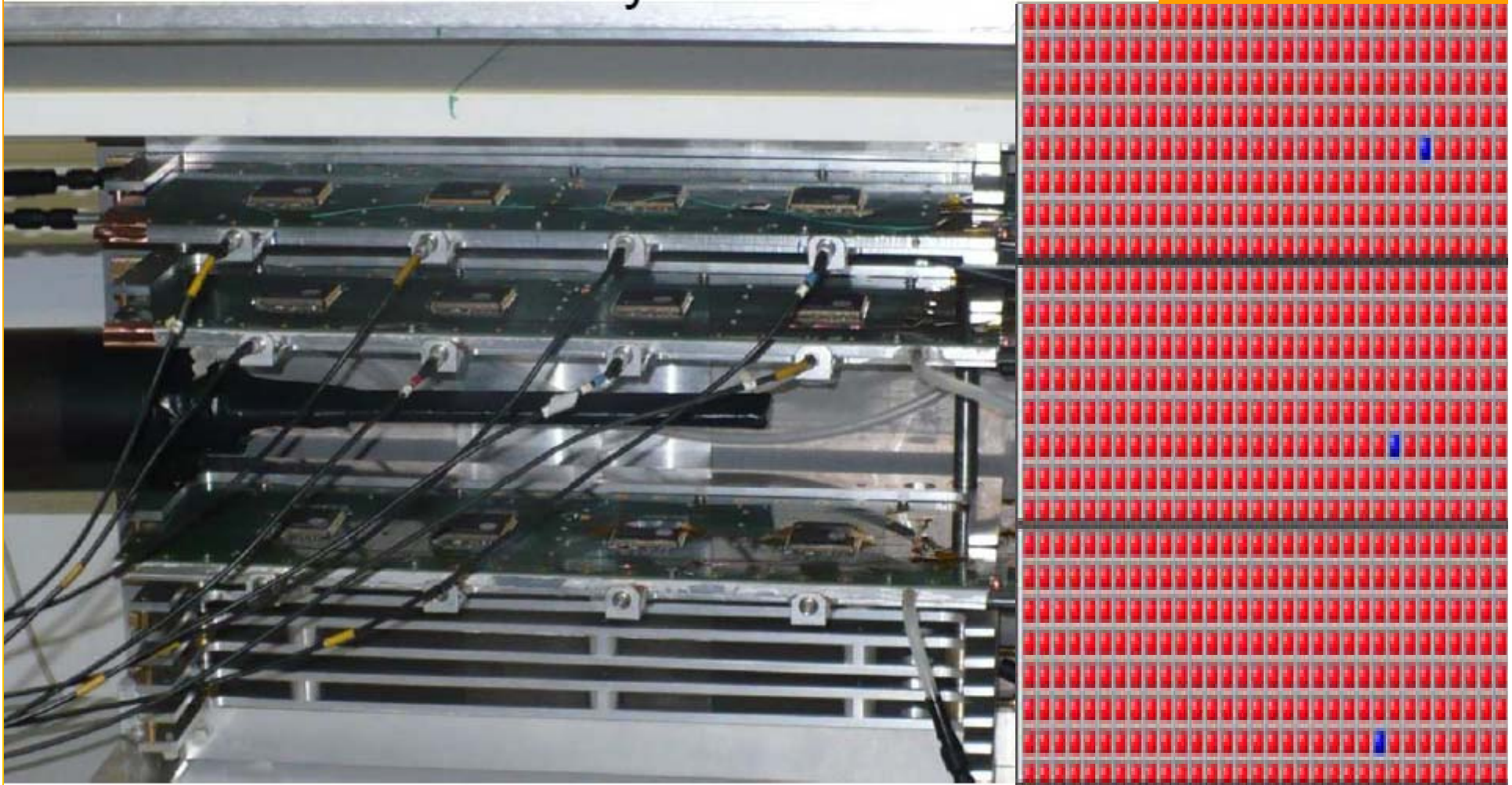


On the agenda:

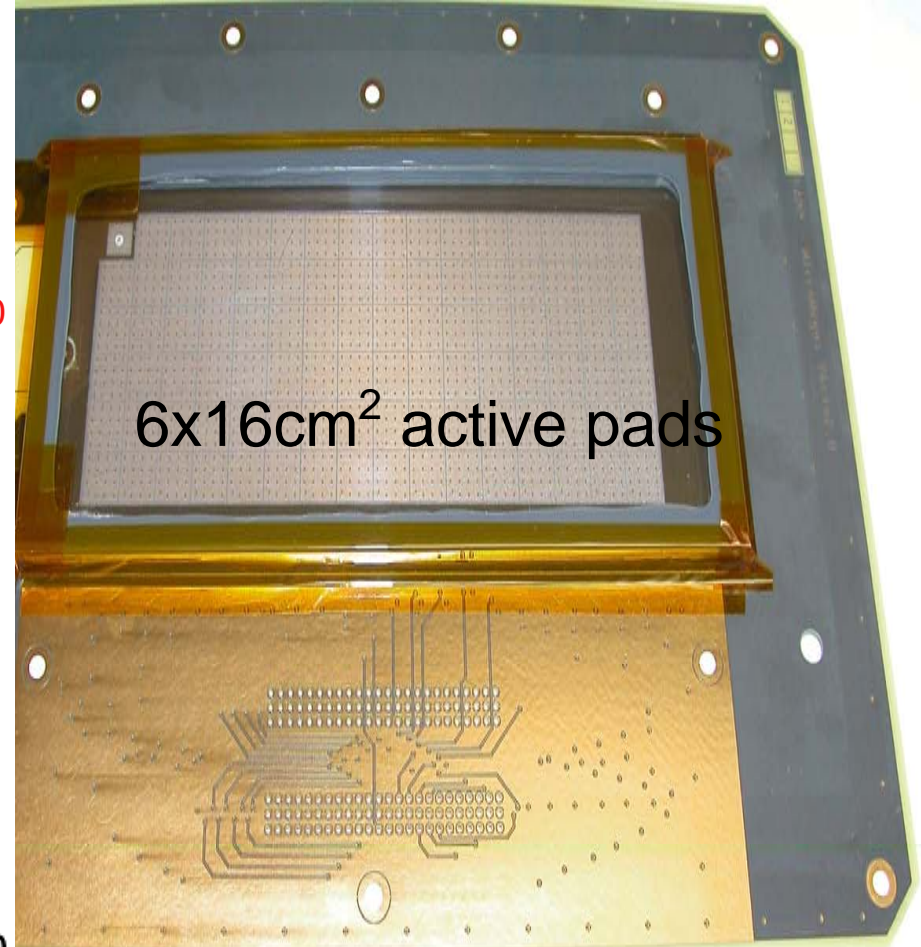
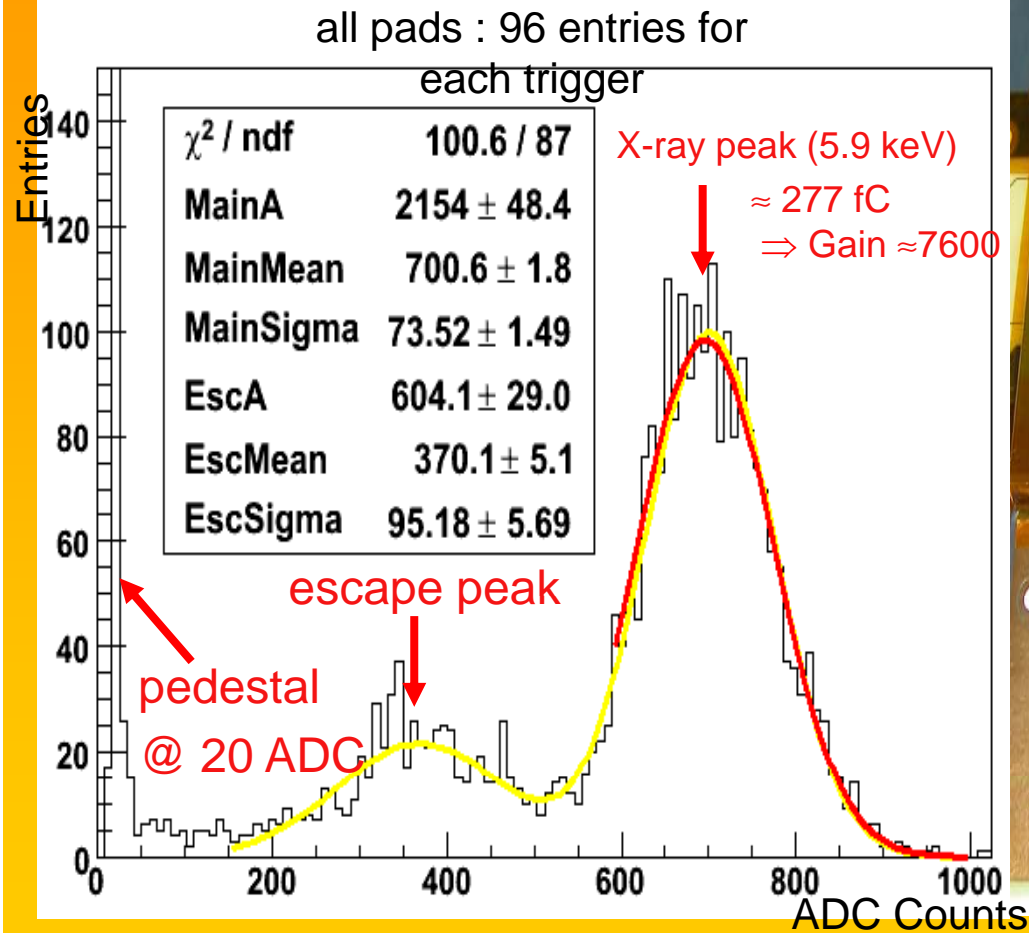
- Where are we after two years of common efforts?
- What is the next step?
- How to succeed the prototype enterprise?

I.LAKTINEH

Where we are? The answer can be the following :



But also a lot of encouraging results from the Micromegas



The Status

Detectors:

GRPC: Small and large (up to 1m²)

μ megas: Small (12X32) and work going on for large ones

Chips:

HARDROC (GRPC) tested on detector

DIRAC (μ megas) to be soon tested on detector

Next generation to come soon

ASU:

first attempts successful, large size ones are designed

DAQ:

first generation tested

second generation: DIF, SOFT, Data Conc. in preparation

Simulation:

Well advanced but still more optimisation needed

Next Step

Beam test @ps July:

Slice test (GRPC fully equipped)

Beam test@sps August:

Large size GRPC partially equipped
 μ MEGAS (Gassiplex)

Beamtest@ps November:

1m² GRPC (1 gap and multi-gap) fully equipped
 μ MEGAS equipped with the DHCAL electronics

Next Step

Fully equipped 1m² detector study is well advanced

GRPC : septembre08

μ egas: early 2009

→Extensive study

Starting to build the prototype

Towards a successful prototype

To succeed this challenging enterprise it is crucial

- To get more organized with more frequent and regular meetings
- To attract new groups and share responsibilities
- To share expertise on detectors, electronics, acquisition within the EDHCAL but also with the others inside calice (AHCAL,USDHCAL..)