

Status and Plans from Thessaloniki (AUTh)

Dimos Sampsonidis
Aristotle University of Thessaloniki

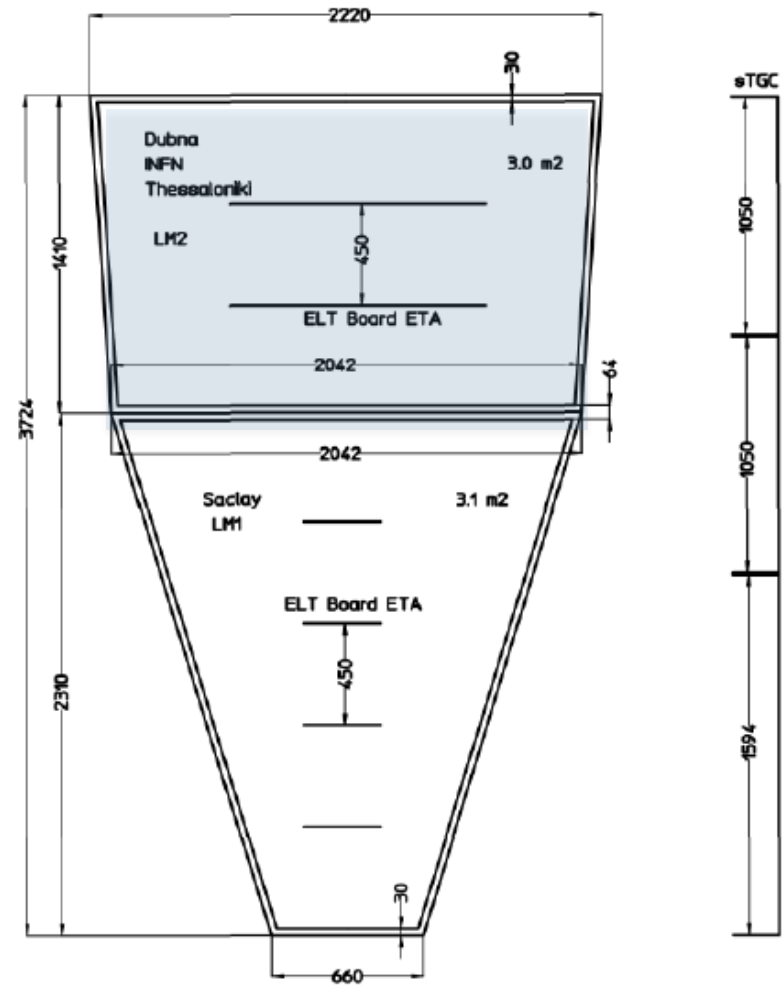
MicroMegas General Meeting - 6.11.2013

The project

Construction of the LM2 module
Dubna + Thessaloniki

RO Panels production @ Dubna
Drift Panels production @ Thessaloniki

Assembly and test quadruplets



Preparation for the construction

Starting with production of dummy panels

2 panels 1x1m²

Setup of the infrastructure

Clean Room → Available

Table setup

Vacuum system (follow the “CERN scheme ”)

Setup of measuring tools (digital gauges)

Preparation of the Al frames

Procurements

Materials for the setup and panels.

- Mylar, Al bars, FR4 delivered OK.
- Foam type material, OK.
- Glue, Araldite 2011, OK.
- Vacuum system pieces, OK.
- Plastic meshes (from CERN lab)

Personnel and Short term plans

1 Physicist PostDoc

2 Engineers

1 Technician

(+ *Physicist + Students*)

Training

- The Physicist will come to CERN and participate to the construction of the operational prototype @ CERN.
- Construction of 2 dummy panels (1x1 m²). (November)
- Measurements of the panels. (December)
- Construction of a mechanical prototype (?) (January 2014)

