WG 6 summary

CERN workshop status / R. de Oliveira

- Goal is large size prototypes
- Bat 102 upgrade
  - Specs for machines ready
  - Orders to be placed soon
  - Installation of some machines before end 2010
  - Complete installation and operational by spring 2011
- New workshop
  - Pre-project to be approved in June
  - Then 1 year detailed design work, tendering etc
  - Construction / installation time 2 to 2.5 years

Studies of micro bulk detectors / A.Giganon

- Studied performance of different detectors
  - Hole size and pitch
  - Holes 'cleaned' or not
  - Mesh on pillars
- Best performance (gain, E resolution) for mesh on pillars

Micromegas production / CIRE

- Discussed possibilities on Cret
- In the meantime they produced prototypes
  - 60 x 100 and 40 x 60 cm^2
  - They quote prices
  - Have to get prototypes for testing
  - Have to include resistive coating

GEM production / MicroMetal

- Interested in Gem production
- High volume capability
- Limitations
  - Width 300mm
  - Only metal etching step
- Have to negotiate pilot run conditions
- Have to find interested parties on our side

Pilot offer for TT Network / H.Hillemanns

- Common policy for TT
- Single contact point for industrial partners
- MPGD used as example
- Map of available components, performance, applications
- We have to keep in touch

Model of bulk micromegas / R. de Oliveira

- Equivalent circuit diagram for different micromegas, with / without resistive coating
- Try to understand behaviour of detector
- Get guidance for choice of parameters