



Common ATLAS-CMS Electronics Workshop for SLHC 19-21 March 2007 CERN



Programme committee :

Giovanni Darbo (INFN Genova)
Christophe de la Taille (LAL)
Philippe Farthouat (CERN - co Chair)
Alex Grillo (Santa-Cruz)
Geoff Hall (Imperial College London)
Roland Horisberger (PSI)
Jordan Nash (CERN - co Chair)
Wesley Smith (Wisconsin)

contact: Kate.Ross@cern.ch
or Sandra.Claude@cern.ch

web address:
<http://cern.ch/aces>

Introductory Remarks

- ▶ Why this workshop?
- ▶ Format
- ▶ Expected outcomes

Why this workshop?

- ▶ Several ATLAS and CMS workshops on SLHC
 - ▶ General or topical
- ▶ Electronics problems flagged
 - ▶ Selection of ASIC technology(ies)
 - ▶ Cost for accessing them
 - ▶ Huge concerns about services and power
 - ▶ Difficulties with current amount of services; can we increase them?
- ▶ A dedicated workshop on electronics was deemed useful
 - ▶ The amount of registered people proves it

Goals of this Workshop

- ▶ To review the ATLAS and CMS upgrade strategies and plans
- ▶ Explore areas of technology where common approaches can be adopted
- ▶ Plan for potential common Research and Development

- ▶ The organising committee decided not to issue 'call for papers' but have speakers covering a particular topic
 - ▶ Sorry for all those of you who proposed presentations
- ▶ Speakers have been asked to give overviews of the problems and potential areas for R&D
- ▶ Enough time must be left for discussion
 - ▶ In particular during the last afternoon

Expected Outcomes

- ▶ Good knowledge of what's going on in the experiments (and at CERN)
- ▶ Identified areas where common work can be done
 - ▶ Is it again a wishywashy statement?
 - ▶ Common ATLAS-CMS working group on optical links
 - ▶ « Common solutions will be applied when we'll be missing people and money »
- ▶ Make the first step for putting in place an organisation for common activities



**Common ATLAS-CMS
Electronics Workshop for SLHC
19-21 March 2007
CERN**



Programme committee :

Giovanni Darbo (INFN Genova)
Christophe de la Taille (LAL)
Philippe Farthouat (CERN - co Chair)
Alex Grillo (Santa-Cruz)
Geoff Hall (Imperial College London)
Roland Horisberger (PSI)
Jordan Nash (CERN - co Chair)
Wesley Smith (Wisconsin)

contact: Kate.Ross@cern.ch
or Sandra.Claude@cern.ch

web address:
<http://cern.ch/aces>

*Thanks for
coming*

&

*Enjoy this
workshop*