



ACES



Summary



- **This was the sixth ACES workshop**
 - ◆ **Around 200 registrations, still counting**
 - ◆ **On average 120 people in the room**
- **Workshop with focus mainly on the ATLAS and CMS phase 2 upgrades**
 - ◆ **Contributions also from Alice and LHC-b**
 - ◆ **Feedback also from ATLAS and CMS Phase 1 upgrades**



Future



- **Have had ACES workshops essentially every 2 years for 11 years**
 - ◆ **Started in 2007, before LHC start-up**
- **In two years**
 - ◆ **ATLAS internal review process in full swing**
 - ◆ **CMS will be holding Engineering Design Reviews (EDR) for detector subsystems before final procurement**
 - ◆ **CMS Trigger / DAQ TDR will be ready**



Future



- **Bottom line is that it is probably useful to meet again under comparable conditions in two years**
 - ◆ **Pre-production of detector electronics**
 - ◆ **Prototypes of back end electronics**
 - Potential for common FPGA purchase?
 - Actual power consumption and corresponding issues and solutions
 - ◆ **First outlook of upgrades to the upgrades**
 - Completion of staged systems
 - Phase 2b



All thanks



- **Many thanks again to speakers for the preparation effort, and in particular for the overview talks covering multiple experiments**
- **Many thanks to the organizing committee**
 - ◆ **Alex Arno Cristina Didier Francesco Francois Jeroen Kevin Oliver and Sandro**
- **Many many thanks to Evelyne for organizational and administrative support**



Philippe has been the main organizer for ACES workshops since the beginning but will likely not organize the next issue.

MANY THANKS TO PHILIPPE!



Thank you!

**Common ATLAS-CMS Electronics Workshop
for HL-LHC upgrades
24-26 of April 2018**



The End

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