

Power Working Group Session

Welcome

Magnus Hansen

Philippe Farthouat

Introduction

- Most recent session at TWEPP11
- TWEPP participant comments in the direction of
 - Rather an extension of conference than a working group session
 - Should be less presentations and more discussion
- The Power working group was started to explore different power scheme options for e.g. Stage 2 tracker upgrades
 - While these detectors are not yet built one can say that powering options have been explored
 - Serial Power with linear shunt regulator in each node
 - Parallel power through DCDC converters
- The future may involve building detectors for which neither of these schemes are suitable

Agenda

- Basic rules
 - A few slides for poster introduction
 - A few more slides for subject introduction
- Presentations are intended as a source of inspiration for the discussion

Agenda

- Introduction
 - Magnus & Philippe
- Serial power & DCDC poster introduction
 - Peter Phillips, RAL
- Pulsed Power introduction
 - Christophe de la Taille, LAL
- Pulsed Power system issues
 - Peter Goettlicher, DESY
- Pulsed Power poster intro
 - Cristian Fuentes, CERN

Agenda

- Discussion
 - Interleaved and Concluding
- Future of LHC regulators
 - Linear ST reg's, needs, etc.