



TileCal receivers

◆ Specification

- ▼ Complete draft now available and sent to Bill Cleland
<http://hepwww.ph.qmul.ac.uk/~efe/ReceiverSpec.pdf>
- ▼ Assumes transformer coupling is ok
 - + No other 'easy' options; Bill Cleland thinks it is probably safe
 - + Asked for estimates of TileCal rates and amplitude distributions
- ▼ Trying to confirm gain with Rio group
 - + Factors of 2 with differential signals: ± 4 mV/GeV vs. 10 mV/GeV for LAr

◆ Other points

- ▼ UK has ordered variable-gain amplifiers — *long, sorry saga*
- ▼ Tender for long cables to USA15 after Easter, hopefully
- ▼ Need to sort out short cables between patch panels and receivers