

# CAUI-4 ad hoc report

Ryan Latchman, Mindspeed, CAUI ad hoc chair  
IEEE P802.3bm, York, Sept 2013

# CAUI-4 ad hoc activity since Geneva

- CAUI-4 ad hoc calls were held on July 30<sup>th</sup>, Aug 6<sup>th</sup>, Aug 13<sup>th</sup>, Aug 23<sup>rd</sup>, Aug 27<sup>th</sup>
  - Meeting minutes and presented materials are available on the 40G & 100G CAUI4 ad hoc area: <http://www.ieee802.org/3/bm/public/cuadhoc/index.html>
- Highlights:
  - 83D
    - Channel simulations (15dB and 20dB)
    - Transmitter eye mask measurement
    - Receiver interference tolerance
    - Equalization (with and without DFE results)
    - COM results for sample channels
- Further work:
  - 15dB vs 20dB Channel budget and associated implications
    - Rx equalization requirements
    - DFE & MTTFPA considerations
    - Rx interference tolerance
  - COM settings
    - Rx package assumption
    - Use of DFE (see 15dB vs 20dB)
    - Comparing channel specification methodologies
- Future meetings: Yes, dates to be announced
  - Request for additional 15dB and 20dB channel models