

CAUI-4 ad hoc summary

- Group is focused on satisfying the following task force objective:
 - Define re-timed 4-lane 100G PMA to PMA electrical interfaces for chip to chip and chip to module applications
- 3 meetings were held since Sept 2012 Geneva, Switzerland meeting
 - October 22nd, November 2nd, November 7th
- Meeting material can be found at:
 - <http://www.ieee802.org/3/bm/public/cuadhoc/index.html>
- Output from the ad hoc summarized in:
 - latchman_01_1112_optx (chip-module)
 - latchman_02_1112_optx (chip-chip)

Future Meetings

- Future meetings and presentations will be aimed at reaching consensus on a baseline proposal for CAUI-4 chip-module and chip-chip
 - Chip-module discussion topics include:
 - BER target for eye width and eye height
 - Current values specify eye opening at $1E-12$ derived from the VSR $1E-15$ values
 - maximum amplitude and potential impact in dense applications with optical and passive copper cable
 - Current maximum amplitude is 900mVppd
 - Chip-chip discussion topics include:
 - channel requirements
 - receiver interference tolerance
 - transmitter waveform specification
 - MTTFPA robustness