

IEEE P802.3dj/.3df Joint Optics/Logic Track Ad Hoc Report

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Report

- 1 ad hoc call since January 2024 meeting
 - 22 Feb
 - Joint optics and logic track meeting.
 - 50+ attendee each time
 - 6 contributions
- Minutes for these past ad hocs:
 - [22 Feb](#)
- Next meetings will occur between March and January TF meetings:
 - 11 Apr, 25 Apr

Ad hoc

Feb 22nd Presentations

- “The increasing implementation cost due to chromatic dispersion in duplex optical PHYs”, John Johnson, Broadcom
- “Datacenter Fiber and Cabling Standards Insights”, presented by Vince Ferretti, Corning
- “Statistics of CD Parameters: Modeling and Experiments” presented by Jose Castro, Panduit
- “Further analysis of G.652 & G.657 chromatic dispersion coefficients” presented by Peter Stassar, Huawei
- “Notes on interleaving of codewords” presented by Omer Sella, Imperial College, London Late contribution (will be presented if time is available)
- “Chromatic Dispersion for the 800G LR4 Baseline Based on refined SMF channel model” presented by Roberto Rodes

Key Themes

- Investigations around the topic of fiber properties, IEEE channel models and potential changes to Task Force PMD specifications
- Observation of a potential optimization around the interleaving of FEC codewords

THANKS!