

**IEEE 802 Mar 2023**

**IEEE 802.3 Ethernet WG  
Opening Plenary  
13 Mar 2023**

**IEEE P802.3dj  
200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6  
Tb/s Ethernet Task Force  
Opening Report**



# IEEE P802.3dj Task Force Project information

## ■ Organization

- **John D'Ambrosia, Chair, IEEE P802.3dj Task Force**
- **Mark Nowell, Vice-Chair, IEEE P802.3dj Task Force; Chair, Optics Track**
- **Kent Lusted, Secretary, Chair, Electrical Track**
- **Matt Brown, IEEE P802.3dj Chief Editor**
- **Mark Gustlin, Chair, Architecture and Logic Track**

## ▪ Task force web and reflector information:

- Home page: <https://www.ieee802.org/3/df/index.html>
- Reflector Info - <https://www.ieee802.org/3/df/reflector.html>
  - TF Reflector: [stds-802-3-b400g@listserv.ieee.org](mailto:stds-802-3-b400g@listserv.ieee.org)
  - Logic Reflector: [stds-802-3-b400g-logic@listserv.ieee.org](mailto:stds-802-3-b400g-logic@listserv.ieee.org)
  - Optical Reflector: [stds-802-3-b400g-optx@listserv.ieee.org](mailto:stds-802-3-b400g-optx@listserv.ieee.org)
  - Electrical Reflector: [stds-802-3-b400g-elec@listserv.ieee.org](mailto:stds-802-3-b400g-elec@listserv.ieee.org)

## ▪ Project Documentation –

- PAR : [https://www.ieee802.org/3/dj/projdoc/P802d3dj\\_PAR.pdf](https://www.ieee802.org/3/dj/projdoc/P802d3dj_PAR.pdf)
- CSD: <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0256-00-ACSD-p802-3dj.pdf>
- Objectives: [https://www.ieee802.org/3/dj/projdoc/objectives\\_P802d3dj\\_221117.pdf](https://www.ieee802.org/3/dj/projdoc/objectives_P802d3dj_221117.pdf)
- Adopted Timeline: [https://www.ieee802.org/3/dj/projdoc/timeline\\_3dj\\_230116.pdf](https://www.ieee802.org/3/dj/projdoc/timeline_3dj_230116.pdf)

# Activities Since Nov 2022 Plenary

- **Jan 2023 Joint P802.3df / P802.3dj Session**
  - **IEEE P802.3dj Task Force formation**
  - **28 Technical Presentations**
  - **Key Decisions**
    - **Reaffirmed motions related to IEEE P802.3dj Task Force previously approved by IEEE P802.3df Task Force**
    - **Adopted timeline**
    - **Move to adopt lusted\_3dj\_02a\_230116.pdf slide 6 as the baseline for the 16-lane 1.6TAUI-16 C2M and C2C**
    - **Move to adopt gustlin\_3df\_01b\_230206, slides 6-12, as the baseline for the 1.6TbE PCS/FEC, with the noted details (PCS lane forming and AM construction) to be determined later**
- **Ad Hoc Meetings**
  - **Optics Ad hoc (22 Feb)**
    - **4 technical presentations considered**
      - **Proposal to split 800 GbE SMF 10km Objective**
      - **Architecture / FEC Presentations**
  - **Electrical Ad hoc (23 Feb)**
    - **2 technical presentations considered**
      - **MLSE**
      - **COM 4.0 using Rx which utilizes MLSE**

# 802.3dj Mar Plenary Plans

- **Joint P802.3df / 3dj Meetings:**
  - **Mon 1:00 pm to 6:00 pm**
  - **Tues 8:30 am to 6:00 pm**
  - **Wed 8:30 am to 6:00 pm**
  - **Thurs 8:00 am to 12:00 pm**
- **30 Technical Presentations**
  - **Consider Baseline Proposals**
  - **Objectives Related Presentations**
    - **Splitting 800 GbE 10m SMF Objective**
    - **Backplane – 200 GbE / 400 GbE / 800 GbE / 1.6 TbE**
    - **400GBASE-DR2-2**
- **Consider Liaisons from OIF**
  - **OIF 800LR IA Project Update**
  - **OIF CEI-112-XSR+ PAM4**
  - **Possible Outgoing to OIF - CMIS**

**THANK YOU!**

