



ACCELERATING MARKET ADOPTION OF OPTICAL NETWORKING TECHNOLOGIES PROJECT HIGHLIGHTS 2024

150+ Member
Companies

Identifies Industry
Needs and Gaps

Develops Implementation
Agreements (specifications)

Performs Interoperability
Demonstrations

OPTICAL

Multi-vendor Interoperability in Client Form Factors

1600ZR+

- <1000km multispans Coherent DWDM

1600ZR, 800ZR, 400ZR

- >80km Coherent DWDM

800LR

- <10km Coherent Point-to-Point

ENERGY EFFICIENT INTERFACES

- Next Generation Low Latency Interfaces for AI/ML & Data Centers (RTL, COI)
- Co-Packaged Modules (3.2T)
- External Laser Sources (ELSFP)

PROTOCOL

FlexE

- More Efficient
- Agile Networking

MANAGEMENT

Common Management Interface Specification (CMIS) and Coherent CMIS

- Common
- Flexible
- Extendable

ELECTRICAL

Common Electrical I/O (CEI)

- High-Speed Building Blocks
- 448G, 224G, 56G, 28G
- Protocol Agnostic Link Training

NETWORKING

Transport SDN APIs

- Automation, Programmability

Enhanced Network Operations

- Artificial Intelligence
- Digital Twin
- Awareness Between Application and Optical Layers

OIF

- Member Driven Global Organization
- 25+ Years of Service
- 150+ Member Companies
- 80+ IAs (specifications)
- 50+ Interop Demos

FOR MORE INFORMATION, VISIT WWW.OIFORUM.COM