



AES Technical Committee on Fiber Optics for Audio

Meeting Agenda:

AES 149th (New York) On-Line 29/October/2020 14:00 (EDT New York)

Chair: Ron Ajemian

The mission of the Fiber Optics for Audio Technical Committee.

The committee addresses a variety of fiber optic technologies including recording, broadcast, test equipment, cables, connectors, and broadband telecom links of audio systems worldwide. The objectives will be to better understand fiber optic-based technologies to allow the user or designer an easier transition for integration with existing electrical-based audio systems. The committee will provide updated fiber optic advancements through this process and will disseminate this information.

Introduction:

Trends:

- Connectors
- Optical fibers Singlemode/Multimode
- Spitters
- Cleaning methods and devices
- Splicers
- Optical Switches
- Harsh environment studies
- New Technologies using fiber optics
- Fiber Optic Transceivers SFPs
- Test Equipment
- Networks
- Optical ASICs (Application Specific Integrated Circuits Design)
- Fiber Optic microphones
- Fiber Optic Active Speaker System
- Fiber optic snakes
- New trends 5G, Hi-Res AV

Workshop Concepts:

- Members submit topics for on-line workshops?
- Revisit the topics updated from previous AES conventions

Dissemination of Information

- Need new information document for fiber optic usage
- Follow up to provide affected Standards groups for fiber optic awareness – Ideas?