

Minutes of AES TC-FOA meeting at AES 131st Convention in New York City

Time: 3:00 PM – 4:00 PM on the 22nd of October, 2011

Place: Room 1E05 at Javits Convention Center

Co-Chairs:

Ronald G. Ajemian (USA) present

Werner Bachmann (Europe) not present

1. Meeting started by Chair to open floor at 3:05 PM
2. Sign in member sheet passed around
3. A self introduction of participants around the table was initiated
4. Discussions about topic to be addressed titled “Usage and Future Trends for Fiber Optics for Audio”.
5. Chair introduced two members of TC-FOA to briefly talk about uses and future trends that their companies are involved with. 1st Presenter: Fred Morgenstern, NeutrikUSA, 2nd Presenter: Marc Brunke, Opticore.
6. Chair then asked others to participate about any other trends that they or their companies are doing with fiber optics.
7. In conjunction with TC-FOA two fiber optic tutorials were presented at AES 131st Convention and posted on the TC-FOA website. They were the following:
 - Demystifying Fiber Optics for Audio by Ronald Ajemian, Owl Fiber Optics
 - Fundamentals of Audio and Data Networks over Fiber Optics and Cat5 Cabling by Marc Brunke, Opticore
8. The TC-FOA group all agreed on the following present and future trends:
 - We see that the audio/video industry are being more integrated using fiber optic technology. Thus all signals (audio, video, clock time codes, control info data, etc.) can be all sent over a single fiber or two or more if necessary. Equipment manufactures are increasing in the fiber optic area. Job openings are starting to emerge to accommodate this usage of fiber optics for audio/video.
 - The connector of choice is the LC fiber optic connector and other versions for harsh environments are being adopted.
 - Optical cables are now typically glass optical fiber using a 50µm/125µm OM3 or optical multimode fiber with some longer distant optical fiber for OS1 optical singlemode fiber using typically 9µm/125µm fiber for the core/cladding diameters.
 - We see future trend growth in both audio/video, broadcast and other areas.
9. Opened floor for some questions
10. New Business
 - None
11. Next meeting schedule
 - April 26-29, 2012 at AES 132nd Convention in Budapest, Hungary
12. Adjourn the meeting
 - At 4:00 PM