

Detroit Section February 2021 Meeting Notice

On January 29, 2021 By Frank

SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS

Detroit Section Meeting Notice

February 2021

Date: **Tuesday, February 9, 2021**

Time: **7:00 PM**

Topic: **Fiber Optic Cables for HD Broadcast**

Speakers: **Benjamin Nemser and Daniel Ritts**, NemaL Corporation

Location: **Online via GoToMeeting** (See below to register)

This month our presentation provides an overview of the practical applications for Fiber Optics in HD AV and Broadcast, including a demonstration of fiber termination, cleaning, and testing. Ben Nemser will discuss the different types of fiber optic cables, connectors and media converters used in AV applications, including SMPTE, opticalCON, and Tactical Fiber products. We will also cover installation considerations and maintenance for inside plant, arenas and other venues, studios, and mobile use. Danny Ritts will give an informative demonstration of termination, cleaning and testing procedures including interferometry and insertion loss, with the opportunity to ask questions.

Benjamin Nemser founded NemaL Electronics in 1979 and is currently its CEO. He holds BBA and JD degrees from the University of Miami and FCC General Radiotelephone and Amateur Extra Class (WA4DZS) licenses. He has more than 45 years' experience in design, manufacture, installation and troubleshooting cable for AV, broadcast and RF. In his spare time, he's a marathon runner, flight instructor and Learjet captain.

Daniel Ritts is the Vice-President of Engineering at NemaL and is a leading expert on broadcast fiber optic cables. Danny has more than 30 years' experience in designing, building and testing fiber optic cabling systems for AV and broadcast. He has conducted advanced hands-on training for engineers from around the world and has designed numerous devices to facilitate the termination and testing of fiber optic cable systems.

With headquarters and manufacturing facilities in Miami, Florida, Nema Electronics is an active member of SBE, NAB, Avixa and NAMM. The company manufactures a wide range of standard and custom cables for most of the principal camera manufacturers and broadcast networks throughout the Americas.

The meeting will be held online. See below for connection details. If you are not a member of SMPTE or have an additional e-mail address, please join our [groups.io](#) group to receive meeting notices and other information from the Detroit Section.

Guests and non-members welcome – No admission charge

Please post on your company bulletin board or share with your colleagues electronically.

[View a recording of this meeting.](#)