

**Society of Motion Picture and Television Engineers  
Detroit Section Meeting Notice  
October 2003**

**DATE: Tuesday, October 14, 2003**

**TIME: 7:30 PM**

**LOCATION: NORTH FARMINGTON HIGH SCHOOL  
TV STUDIO**  
13 Mile Road at Farmington Road  
Farmington Hills, Michigan  
(Enter at rear of building)

**SPEAKER: WALLACE MURRAY**  
Area Manager, Radio and Video  
SBC Midwest

**SUBJECT: THE LATEST IN FIBER-OPTIC TRANSMISSION**

Yes, communications is really done with smoke and mirrors. Over the last 20 years, fiber optic transmission has moved from transporting one 45 MB signal or 672 voice channels to being able to transport a 40 GB signal at 8 or more different wavelengths. Come learn about the re discovered transmission concerns such as intermodulation distortion, CSO, CTB, and all those analog transmission impairments that went away when everything went digital. Now they are back. Also, at one time it was believed that all communication in the world could be put on one fiber, well now there is a practical limit. Come learn the magic number.

We will also discuss the handling, splicing, connecting, of the physical fiber. Safety concerns, and optical amplification of an optical signal. Can optical switching be far behind?

Wallace has responsibility for Transmission Technical Support for the five states that make up the Midwest Region of SBC. He and his people are responsible for the quality of transmission via microwave radio and video transport in all its flavors from SMPTE 259M or Serial Component Video Service, to TV-1 to AMVS, to ASVS with a little program audio thrown in for good measure. Wallace is also one of the SMPTE Central region Governors. He is active in Boy Scouts, Ham Radio, and Photography.

MANAGERS' DINNER will be at **5:30 PM** at **Chili's**, 32769 Northwestern, Farmington Hills, MI 48334 (Between Middlebelt and Orchard Lake). Phone: 248-932-0091 Please join us.

Society of Motion Picture and Television Engineers  
Detroit Section Meeting Notice  
March 2004

DATE: **Tuesday, March 9, 2004**

TIME: **7:30 PM**

LOCATION: **North Farmington High School**  
Television Studio (Enter via doors at rear of building)  
32900 W. 13 Mile Rd.  
Farmington Hills, Michigan 48334 (248) 785-2005  
Map

SPEAKER: **Clay Moore**  
Focus Enhancements

SUBJECT: **The FireStore Disk System for FireWire**

Clay Moore will present Focus Enhancements' disk recording solution called the FireStore FS-3. FireStore is a line of direct-to-edit devices that eliminates the capture stage when shooting video by digitizing your video file into native file formats that are immediately recognized by your non-linear editor and stored to a removable drive. Clay will also briefly discuss the FS-2 studio unit.

Mr. Moore, a native of the Houston, Texas area, is reseller account manager for Focus Enhancements. He covers a 14-state area from Texas to Michigan. His prior experience includes educational sales and management for Casio, Inc. and five years of High School teaching.

MANAGERS' DINNER will be at **5:30 PM** at **Steak and Ale**, 27590 Orchard Lake Rd., Farmington Hills. (248) 476-8440. (at Twelve Mile, just north of I-696 interchange). (Map)

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Guests and Non-Members are Welcome

Society of Motion Picture and Television Engineers  
Detroit Section Meeting Notice  
April 2004

DATE: **Tuesday, April 13, 2004**

TIME: **5:30 PM**

LOCATION: **Cafe Venezia**  
25938 Middlebelt Rd.  
Farmington Hills, Michigan

SUBJECT: **An informal technical roundtable discussion**

Rather than a formal meeting program, this month we will feature an informal discussion of technical topics of interest to the membership, over dinner at Cafe Venezia. Come and join your fellow engineers and talk about issues ranging from new advances in storage media and post-production techniques to the future of television broadcasting as we know it. We could also discuss related subjects like the threat of power-line broadband data to broadcast systems and locating and eliminating interference.

MANAGERS' DINNER will be at **5:30 PM** at Cafe Venezia, 25938 Middlebelt Rd., Farmington Hills. (248) 476-1750. [Map](#)

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Society of Motion Picture and Television Engineers  
Detroit Section Meeting Notice  
May 2004

DATE: **Tuesday, May 11, 2004**

TIME: **7:30 PM**

LOCATION: **North Farmington High School**  
32900 W. 13 Mile Rd.  
Farmington Hills, Mich.  
(248) 785-2005  
[Map](#)

SUBJECT: **Audio for Digital Television**  
Welcome to Pandora's Box, Now Playing In Surround

SPEAKER: **Tim Carroll**  
Linear Acoustic  
**Andy Combs**  
Harman International

Via metadata, Dolby Digital (AC-3) has built-in loudness controls, downmix controls, and dynamic range controls. Assuming that 5.1 channel audio has actually made it to the encoder, how can you ensure that everything is set correctly? What happens if metadata is missing or is set incorrectly (intentionally or otherwise)? How effective are the parameters anyway? What about mixing local two-channel programming with the 5.1 channels coming from the network- why does the dialogue seem to disappear? Consumers must be protected from loud and annoying audio, from jarring image shifts, and from hidden parameters causing different problems on mono, stereo, and 5.1 channel receivers.

Also, Andy Combs will demonstrate new Recording and Broadcast LSR 6328P active loudspeakers from JBL Professional with RMC (Room Mode Correction). Andy will have some time at the end of the program to play any of your own CDs or audio projects you'd like to hear through the loudspeakers.

After spending over 7 years at Dolby Laboratories helping to develop Dolby Digital, Dolby E, and Dolby Surround products for Digital Television, DVD, and Digital Cinema applications, Tim Carroll started Linear Acoustic Inc. - a multichannel audio consulting and manufacturing firm with customers such as Dolby, Microsoft, Sirius Satellite Radio, Wohler, and many network affiliate stations. Tim remains actively involved in the creation of Digital Television standards and practices as a member of SMPTE and the AES, and is currently the chairman of the Audio Issues Group of the Standards

Evaluation Working Group of the ATSC. He is an associate editor of the IEEE Transactions on Broadcasting (the BTS Journal), writes Audio Notes, a monthly column for TV Technology magazine, and participates in the National Radio Systems Committee (NRSC) DAB subcommittee. He is also co-inventor of a number of patent-applied-for audio dynamic range processing systems.

Andy Combs began as a professional musician, touring with the Spinners. He has been in the Professional Audio Sales Industry for 20 years, and has owned a Rep firm for 17 years serving Recording and Broadcast, Touring Sound, Installed Sound, and Retail markets. He has worked for TASCAM, RAMSA and others. Andy is currently with Harman International representing JBL, Crown, dbx, Soundcraft, BSS and more.

MANAGERS' DINNER will be at **5:30 PM** at **Steak & Ale**, 27590 Orchard Lake Rd (at 12 Mile & I-696), Farmington Hills. Map

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Society of Motion Picture and Television Engineers  
Detroit Section Meeting Notice  
June 2004

DATE: **Tuesday, June 8, 2004**

TIME: **7:30 PM**

LOCATION: **WTVS - Detroit Public TV**  
7441 Second Blvd.  
Detroit, Michigan  
(313) 873-7200  
[Map](#)

SUBJECT: **NAB 2004 Technology Review**

SPEAKER: **Dave Westermann, Duncan Video**  
**Bob Zeichner, Roscor Michigan**

To our dismay, Don Archiable from ArchTeck had to cancel his scheduled presentation at the last minute due to work his company is doing in Europe, but Don has promised to come this fall with a better, more exciting presentation.

Instead, we'll feature a discussion on new technology unveiled this spring at the National Association of Broadcasters convention. Dave Westermann and other area professionals who attended the show will provide their perspectives on what's new and exciting, with a visual showcase of the exhibits and innovations.

Bob Zeichner will also share new developments in digital cinema and camera optics. Besides being knowledgeable about state of the art video equipment, Bob is an authority on optics and his presentations are always captivating.

MANAGERS' DINNER will be at **5:30 PM** at **Traffic Jam & Snug**, 511 W. Canfield at Second, Detroit. (313) 831-9470. [Map](#)

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