

# MEETING NOTICE

Society of Motion Picture and Television Engineers

## Detroit Section

The fall season is just before us. The kids are back in school. Football has begun again, and it's time for another year of S.M.P.T.E. meetings. This year the Detroit Section would like to try to keep up with the technology that is always trying to get away from us. We'd also like to put some members and guests names on faces and tie that with company affiliations.

Our September meeting will address mixing the four digital PCM audio tracks from D-1 and D-2 DVTRs. The Pro Digital Group of Yamaha has introduced a new digital audio console with full S.M.P.T.E. time code based moving fader automation, parametric equalization, reverberation and snapshot setup memory for use in television edit suites.

Mr. Martin Dombey Eastern Regional Manager of the Yamaha Pro Digital Group will speak about the features and implimentation of this all digital console for edit suite applications. He will also show pictures of installations around the country.

As many of you know, our section secretary/treasurer, Helge Blucher, has accepted a position with Taft Broadcasting and is assigned to NASA in Houston. We all wish him the best.

Gene Wilczak of WJBK and one of our section managers has been elected, under provisions of Society bylaws, to fill the remainder of Helge's term of office.

Jeff Bettles of Grace and Wild Studios was next in line from our recent elections and has agreed to fill the remainder of Gene's term.

TIME: 8:00 P.M.

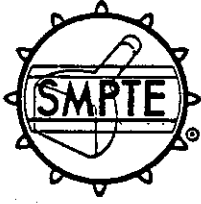
DATE: Tuesday September 8, 1992

PLACE: General Television Network  
13225 Capital Avenue off Coolidge between 8 and 9 Mile Roads  
Oak Park

MANAGERS' DINNER: 5:30pm Mountain Jacks  
26855 Greenfield  
Southfield, MI 48075

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# MEETING NOTICE

Society of Motion Picture and Television Engineers

## Detroit Section

- DATE:** 13 October 1992
- TIME:** 8:00 PM
- PLACE:** Hy James, Inc.  
24144 Haggerty - SE corner of 10 Mile & Haggerty  
Farmington Hills
- SPEAKER:** Glen Fisher, Fostex Corporation of America  
Jeff Jones, Audio-Visions and Paradise Post
- SUBJECT:** **A Portable Time Code R-DAT Recorder for Field Acquisition and Post Production Use**

Continuing in our section's series on applications of new technology for television and film production, Glen Fisher will start with the history of R-DAT technology. He will put to rest the confusion some people still hold that Fostex R-DATs with time code are not compatible with machines by Sony, Otari, and JVC. Finally, he will present a full run-through of the new Fostex Portable R-DAT Recorder.

As one of the very first area users of portable R-DAT recorders, Jeff Jones of Audio-Visions and Paradise Post will discuss their use with and without time code for field and in-studio acquisition. He will then move on to talk about how studio time code R-DAT machines will be replacing center-track T.C. analog machines for transfer as the portable T.C. R-DATs will be replacing the Nagra T.C. machines.

In the coming months, our section will have meetings on video data compression and Ampex's component television. John F. X. Browne will bring us absolutely up to date regarding the state of broadcast HDTV in January.

**MANAGERS' DINNER** will be held at 5:30 at the Hunan Palace, 38259 West Ten Mile Road - next to the Holiday Inn east of Haggerty Road. 473-3939



# MEETING NOTICE

Society of Motion Picture and Television Engineers  
Detroit Section

## SECTION OFFICERS

### Section Chairman

Henry J. Root  
Hy James, Inc.  
(313) 471-0027

### Secretary/Treasurer

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WJBK-TV  
(313) 552-5284

### Past Chairman

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John F.X. Browne & Assoc.  
(313) 642-6226

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Robert E. Swayze

Jeffrey L. Bettes  
Grace & Wild Studios  
(313) 471-6010

### Test Materials Advisor

Harlan A. Singal  
Image Associates  
(313) 649-2200

### Membership

Harold L. Miller  
Harold Miller Associates  
(313) 477-2047

## NATIONAL OFFICERS

### Central Region Governors

Donald T. Adyan  
Post Pro Film & Video  
(312) 853-6050

Rudolph J. Kryger  
Consultant  
(519) 979-3836

Date: **Tuesday, 17 November, 1992**

Time: 7:30 P.M.

Place: WJBK-TV  
16550 W. Nine Mile Road  
Southfield (Between Southfield Rd. and Greenfield)

Subjects: Part 1: Latest Developments in Compressed Digital Video Technology  
Part 2: New Digital VTR Technology

### Part 1:

David Fleig of the Michigan Information Technology Network, Inc. will discuss the issues and applications surrounding the latest developments in compressed digital video technology for broadcast and satellite distribution. Dave will explain digital transmission and digital compression in conceptual terms for both technical and non-technical persons and will provide an overview of the many research and development efforts being undertaken by the broadcasting industry. Included in the presentation will be demos and tapes showing actual footage of television signals processed by the latest compressed digital video systems.

Dave is currently the Director of Telecommunications for the Michigan Information Technology Network, Inc. (MITN) headquartered in East Lansing. He is an active member of SMPTE and SBE.

### Part 2:

Richard Strauss of the Sony Corporation of America will provide an overview of Sony's new digital VTR Technology. He will explain their strategy towards digital Video Tape Recording as it applies to broadcasting.

Dick is an active member of SMPTE, Detroit section, and a former section Manager.

### Upcoming Meetings:

December - Ampex component television  
January - State of HDTV

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MANAGERS' DINNER will be held at the Steak and Ale, 24666 Northwestern Southfield at 5:30 p.m. 353-7448

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**Date: Tuesday, December 8, 1992**

**Time: 8:00 P.M.**

**Place: WKBD-TV  
26905 W. Eleven Mile Road  
Southfield (Between Franklin and Inkster)**

**Subject: DCT Digital Component Technology**

Mike Swayne of AMPEX will discuss and describe the new AMPEX Digital Component Technology (DCT) first shown at the 1992 NAB convention. DCT is the available affordable solution to the need for a total CCIR-601 system. The heart of the system is the DCT-700d tape drive. The presentation will revolve around the technological breakthroughs achieved in this drive. Design and manufacturing advances will be discussed, as well as considerations given for future standards.

Mike Swayne has been in broadcasting since 1961, and has been employed by AMPEX since 1973. He is currently a Staff Service Engineer, working out of the Dallas, Texas office.

#### Upcoming Events:

January Meeting - State of HDTV  
February Meeting - TBA  
February 23,24- MAB Conference and Expo, Lansing

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**MANAGERS' DINNER** will be held at Bennigan's, 28555 Northwestern (near 12 mile road) in Southfield at 5:30 p.m. 356-0292

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Date: **Tuesday, January 12, 1993**

Time: **8:00 P.M.**

Place: **Sandy Corporation  
1500 W. Big Beaver  
Troy (West of I-75)**

Subject: **Broadcasting HDTV**

Speaker: **John F.X. Browne**

The Federal Communications Commission, through its appointed industry advisory committees, is now considering the standards for broadcast HDTV. While the testing and evaluation is on-going, several things are clear. Broadcasts will be digital, confined to the present 6 MHZ channel bandwidth, and all transmissions will be UHF.

What does this mean for local broadcast stations and teleproduction facilities in terms of cost, transition and benefits? What is the timetable?

These topics and related issues will be addressed by John F.X. Browne, a consulting telecommunications professional, of John F.X. Browne and Associates.

#### Upcoming Events:

February 4-6 SMPTE Winter TV Conference, New York  
February Meeting - Pinnacle Systems  
February 23,24- MAB Conference and Expo, Lansing

**MANAGERS' DINNER** will be held at the Casa Lupita Restaurant,  
2085 W. Big Beaver (west of Crooks) in Troy at 5:30pm. 643-7720



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**Date: Tuesday, February 9, 1993**

**Time: 8:00 P.M.**

**Place: Clover Communications, Inc.  
41290 Vicenti Court  
Novi (See map on back)**

**Subject: The Pinnacle Prizm Video Workstation**

**Speaker: Sally Gray**

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Sally Gray of Pinnacle Systems, Inc. will discuss and demonstrate Pinnacle's Prizm Video Workstation with 3D modeled animation and real-time digital effects including DVEator.

DVEator (Digital Video Effects Animator) is an extension of the 3D effects of the workstation and allows for easy creation of geometric and esoteric shapes. In just one pass, DVEator texture maps live video onto complex animated 3D shapes and surfaces.

#### Upcoming Events:

February 4-6 SMPTE Winter TV Conference, New York  
February 23,24- MAB Conference and Expo, Lansing  
March Meeting - Kodak's Photo CD

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**MANAGERS' DINNER** will be held at Shield's Restaurant, 42100 Grand River between Novi road and Meadowbrook in Novi at 5:30pm. 349-9110



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Date: **Tuesday, March 16, 1993**

Time: **7:30 P.M.**

Place: **Meteor Photo Company (313) 583-3090**  
**1099 Chicago Road**

**Troy, MI (Between Maple and 14 Mile Roads, just east of I-75. If approaching from 14 Mile, enter Oakland Mall, keep to the left and drive around the stores. Chicago is at the northern end of the parking lot.)**

Subject: **The Kodak Photo CD**

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Mr. Bill Thomas, Electronics Specialist - Kodak Consumer Imaging, will discuss the technical aspects of the Kodak Photo CD. He will address such topics as screen resolution, video output, signal-to-noise ratio and a variety of other specifications. Bill will also discuss the working features of the various models of the Kodak Photo CD.

Mr. Mike Thomas of Meteor Photo Company will demonstrate image manipulation using a Macintosh, discuss Meteor Photo services connected to film processing and Photo CD scanning and show samples of digital color prints from Photo CD.

#### Upcoming Events:

March 13 - Advanced Delivery Techniques Broadcast (see details on back)

April Meeting - TBA

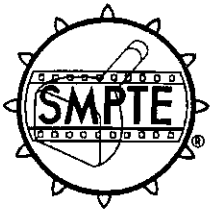
April 18-22 NAB Convention Las Vegas

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**MANAGERS' DINNER** will be held at Uptown Charlie's, 1111 W. 14 Mile road at the corner of Stephenson Highway in Madison Heights at 5:30pm. 585-9533

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Date: Tuesday, April 13, 1993

Time: 7:00P.M.

Place: Producers Color Service (313) 352-5353  
24242 Northwestern  
Southfield, MI (between Evergreen and Mt Vernon)

Subject: Digital Audio Post at Producers Color Services

Speakers: Dave Collie and Igor Saulsky

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This joint SMPTE/AES meeting will take a look at the latest developments in digital audio and how they can work in the real world. The new Digital Audio Post suite at PCS features a 38 channel digital audio console that includes audio editing along with random access digital audio and video storage. This is the next step towards a truly tape-less and all digital environment. Along with the new equipment installed in the DAP suite, the room acoustics have been updated and include Dolby surround capability.

The doors will open at 6:30 p.m. with the meeting starting promptly at 7:00 p.m. Speakers will include Dave Collie, digital audio mixer from PCS, and Igor Saulsky from the audio manufacturer Solid State Logic. After a brief talk, the attendees will be split into groups for a facility tour and a Digital Audio Post demonstration.

#### Upcoming Events:

April 18-22 NAB Convention Las Vegas

May 11 - Fred Remley Reception

(details to come later - spouses welcome to attend)

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MANAGERS' DINNER will be held at the Steak and Ale, 24666 Northwestern Southfield at 5:30 p.m. 353-7448

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Date: Tuesday, June 8, 1993

Time: 7:30P.M.

Place: WXYZ-TV Studios  
20777 West Ten Mile Road  
Southfield, MI 48037

Subject: Flat Panel Displays/Large Flat TV Screen of the Future

Speaker: Michael Lambie, Director of Marketing for Optical Imaging Systems  
(OIS) of Farmington Hills, a Division of Guardian Ind.

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Mr. Michael Lambie will discuss large flat TV screens of the future using the Active Matrix Liquid Crystal Display which up to this time has only been available in small sizes. OIS holds many patents for Active Matrix Liquid Crystal Displays and in a joint venture with the University of Michigan will provide Post Graduate students the opportunity for semi-conductor research and process training.

Mr. Lambie is a 1979 graduate of the U.S. Naval Academy and served on the first Trident Submarine. He holds a B.S. in General Engineering and a M.S. in Nuclear Engineering.

#### Results of 1993 Detroit Section Elections:

Chair:	John P. Rusche
Secretary/Treasure:	Gene Wilczak
Managers:	Harold L. Miller Benjamin Stone James M. Totten

---

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