

MEETING NOTICE

Society of Motion Picture and Television Engineers® Detroit Section

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John P. Rusche
Sandy Corporation
(313) 649-0800

Secretary/Treasurer

Eugene D. Wilczak
WJBK-TV
(313) 552-5284

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Benjamin Stone
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(312) 853-6050

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

Date: Tuesday, September 14, 1993

Time: 7:30P.M.

Place: WJBK-TV
16550 West Nine Mile Road
Southfield, MI (between Greenfield and Southfield Rds.)

Subject: Liquid Crystal Flat Panel Displays
A Joint Venture of the University of Michigan and the Guardian Co's O.I.S. Division

Speakers: Dr. Michael E. Elta

A joint venture between the O.I.S. division of Guardian Industries and the University of Michigan is in progress for the development and manufacture of large Liquid Crystal Displays. Dr. Elta will discuss some of the plans and the involvement of the University. He will give a semi-technical discussion of the liquid crystal, how it differs from other flat panel displays, and its possible uses in HDTV.

Dr. Michael Elta is an Associate Research Scientist of the Electrical Engineering and Computer Science Department of the University of Michigan. Dr. Elta received his B.S.E. degree in Electrical Engineering from the GM Institute in Flint, MI and his M.S.E. and Ph.D from the University of Michigan. From 1978 to 1982 he was a member of the research staff in the microelectronics group at MIT Lincoln Laboratory, Lexington, MA.

Upcoming Events: October Meeting - TBA
October 29 - November 2, 1993 135th SMPTE Technical Conference

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, October 12, 1993
Time: 7:00 P.M. - Cash Bar 8:00 P.M. - Dinner
Place: Ernesto's Italian Country Inn
41661 Plymouth Road
Plymouth, MI (see enclosed map)
Subject: In Recognition of Fred Remley

Retired from the University of Michigan after 42 years.
Has been a valued member of SMPTE since 1954.

Please see enclosed invitation for details.

RSVP to Kathie at (313) 642-6226 by October 1, 1993.

Price per person: \$22.50 (see enclosed for details)

Make checks payable to **SMPTE**.

Mail to: Kathie Reilly
John F.X. Browne & Associates, PC
525 Woodward, Suite 100
Bloomfield Hills, MI 48304

Please have check in to Kathie no later than October 6th.

Next Meeting: Tuesday, November 9 at Kodak (Birmingham)
Topic: Kodak Film Update

Kodak compares the EXR family of origination films for over
and under exposures and uses.

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**IN RECOGNITION
OF
FRED REMLEY**

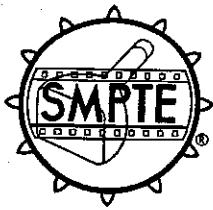
Join us as we honor one of SMPTE's most
outstanding talents at

Ernesto's Italian Country Inn
41661 Plymouth Road, Plymouth
(see map on reverse)

Tuesday, October 12, 1993
7:00 p.m.- Cash Bar 8:00 p.m. - Dinner
The Messina Room
\$22.50/person (see menu on reverse)

Spouses/Guests/Friends welcome

RSVP Kathie (642-6226) by October 1
Please make checks payable to
SMPTE (see reverse for mailing address)



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Date: Tuesday, November 9, 1993

Time: 7:30P.M.

Place: Eastman Kodak Company
32500 Telegraph Road
Birmingham, MI (between 13 and 14 mile roads)
(313) 258-9900

Subject: Cinematographer Technical Update VI

Speakers: Benjamin Stone
Eastman Kodak Sales/Engineering Representative

Mr. Ben Stone will discuss and demonstrate Kodak's update of an exposure series film. He will discuss the printing and exposure comparisons for the EXR family of origination films. The EXR films provide the cinematographer with a 16mm presentation and an opportunity to make a qualitative decision as to which film best meets his/her creative needs.

Mr. Benjamin Stone, Sales/Engineering Representative of Motion Picture and Television Imaging, has been with Eastman Kodak for 15 years. He is a member of SMPTE and a manager of the Detroit Section.

Upcoming Events: December Meeting - Digital Beta-cam

MANAGERS' DINNER will be held at Hogan's Restaurant 6450 Telegraph at Maple (15 Mile Rd.) at 5:30 p.m. (313) 626-1800

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Date: Tuesday, December 14, 1993

Time: 7:30 P.M.

Place: WKBD-TV
26905 West Eleven Mile Road
Southfield, MI (between Telegraph and Inkster roads)
(313) 350-5050

Subject: Advanced TV/ Digital Betacam and the Broadcaster

Speaker: Richard F. Strauss
Sony Communications Products Co.

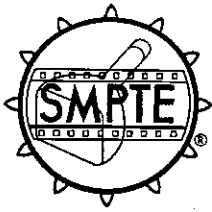
Mr. Dick Strauss will discuss and demonstrate the new Sony component digital VTR, the Digital Betacam. He will explore Advanced Television Systems and the integration of the Digital Betacam format into the present analog television facility.

Mr. Strauss is a Market Development Specialist with the Sony Communications Products Company. He is a member of SMPTE and a former manager of the Detroit Section.

Upcoming Events: January Meeting - Video Compression/Fiber Optics Transport

MANAGERS' DINNER will be held at D. Dennison Restaurant 27909 Orchard Lake Road at 12 Mile Road (in the NW corner shopping center) at 5:30p.m.
(313) 553-7000

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Date: Tuesday, January 11, 1994

Time: 7:30 P.M.

Place: WJBK-TV
16550 West Nine Mile Road
Southfield, MI (between Southfield and Greenfield)
(Use rear entrance)

Subject: TELCO Program Video and Audio Services

Speaker: Wallace Murray
Ameritech

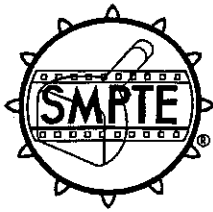
Mr. Wallace Murray will present a technical discussion of the current services offered by the local telephone company, such as program Video and Audio, Switched 56KB service used for audio, digital video and compression, and production quality HDTV transport over fiber optics. He will also discuss video dial tone trials and any questions about the telephone network.

Mr. Murray is Manager of Transmission Engineering Video Systems, Ameritech. Wallace provides engineering design and maintenance support for video services in the Ameritech region (Michigan, Ohio, Illinois, Indiana, and Wisconsin.)

Upcoming Events: February Meeting - TBA
February 3-5 SMPTE Advanced TV Conference and Tutorial, Chicago
February 22,23-MAB Conference and Expo, Lansing

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, February 8, 1994

Time: 7:30 P.M.

Place: WDIV-TV
550 W. Lafayette
Detroit, MI (Parking in lot west of the Building)

Subject: Digital Audio Production Recorders/Players

Speakers: Henry Root, The Audio Professionals, Inc.
David Turner, Enco Systems

Past section chairman Henry Root will present a quick overview of R-DAT technology where it stands today regarding broadcast and production and where manufactures stand regarding the implementation of the internationally accepted IEC time code standard. The Fostex RD-8 and Tascam 8mm digital recorders will be explained. Both are "stackable" allowing for interconnecting to form 16, 24, 32 or more track recorders that can be locked to the picture.

The meeting will conclude with an in-depth look at several of the currently available digital audio delivery systems. Dave Turner of ENCO Systems will discuss the DAD-486x digital Audio Delivery System, a touchscreen controlled hard disk storage commercial/music/effects delivery system that can also be programmed via an external traffic or music scheduling computer.

Upcoming Events: February 22,23-MAB Conference and Expo, Lansing
March 5 - SMPTE Tutorial NY - Pixels, Pictures, and Perception
contact: Linda Young - 212-757-4580 ext. 680 for info.
March Meeting - Comcast Cable
March 20-24 - NAB Las Vegas

MANAGERS' DINNER will be held at the Traffic Jam and Snug at Cass and Second on the W.S.U. campus at 5:30 p.m. 831-9470

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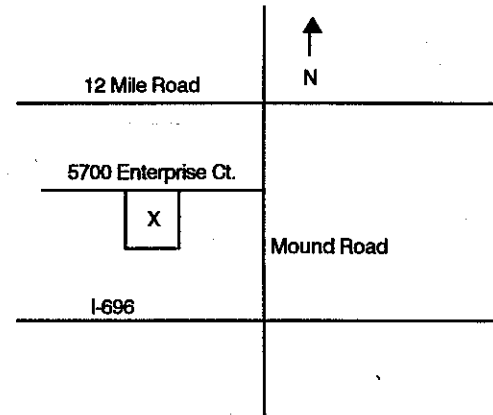
Date: Tuesday, March 8, 1994

Time: 7:30 P.M.

Place: Comcast Cablevision
5700 Enterprise Court
Warren, MI

Subject: Overview of Cable TV Technology/
Tour the Sterling Heights Headend

Speakers: Jim Kuhns, Comcast Cablevision



Mr. Jim Kuhns of Comcast Cablevision will present an overview of cable television systems. He will discuss how current technology is used in their installations and how it will function using the new emerging technologies. He will explain the fiber optic ring system and its self-healing capability. Afterwards, Jim will take us on a tour of the Sterling Heights headend which is being redesigned to accommodate these new and emerging technologies of the '90s.

Mr. Jim Kuhns is a Midwest Regional Staff Engineer for Comcast Cablevision. He is a member of the Society of Cable Television Engineers and SBE.

Upcoming Events: March 5 - SMPTE Tutorial NY - Pixels, Pictures, and Perception
contact: Linda Young - 212-757-4580 ext. 680 for info.
March 20-24 - NAB Las Vegas
April Meeting - Philips CD-1

MANAGERS' DINNER will be held at the Enzo's Warren Cafe 32747 Mound Rd. just south of 14 Mile road at 5:30 p.m. 939-7800



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Date: Tuesday, May 10, 1994

Time: 7:30 P.M.

**Place: Eastman Kodak Company
32500 Telegraph Road
Birmingham, MI (Between 13& 14 Mile Roads)**

Subject: Cineon Digital Film System

Speaker: Colin Ritchie, Cineon System Sales, Eastman Kodak Co.

Colin Ritchie, Manager Cineon System Sales, will present a vision of creativity, magic, immediacy and imagination. He will discuss the Cineon Digital Film System. His discussions will entail a world where motion picture film merges with the digital domain, and where visually exciting feature film special effects and cinema commercials are created while preserving the absolute fidelity of the original film. He will explain how this new tool will allow interactivity, multi-layer compositing, retouching and full motion preview with the option of film, HDTV or digital video output.

Upcoming Events: June Meeting - Digitized Video over a LAN

MANAGERS' DINNER will be held at the Hogan's Restaurant
6450 Telegraph at Maple(15Mile Rd) at 5:30pm. (810) 626-1800

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Date: Tuesday, June 14, 1994

Time: 7:30 P.M.

**Place: Clover Communications, Inc.
41290 Vincenti Ct.
Novi, MI (See map on back)**

**Subject: Digitized Full Motion Video and Audio Distribution
Over Local Area Network**

Speaker: Tim Hardy, MI-TECH

Tim Hardy, Technical Products Manager of MI-TECH, will give a presentation featuring the latest technology involved in digitizing full motion video and audio then storing it on a file server for distribution on demand over a local area data network to desk top units.

He will demonstrate actual examples of the performance of the Starlite System. This technology is being implemented in industry, education for training, and in broadcasting for commercial spot insertion.

Results of 1994 Detroit Section Election:

Chair:	John P. Rusche
Secretary/Treasure:	Harold Miller
Managers:	Gene Wilczak Frank J. Maynard Mark Anzicek

MANAGERS' DINNER will be held at the Epicure Restaurant
42050 Grand River(1 Mile East of Novi Rd.) at 5:30pm. (810) 349-7770

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A Special Meeting for Broadcasters, Program/Commercial Producers and Listeners

Joint Meeting Notice Detroit Sections - Audio Engineering Society and Society of Broadcast Engineers

TOPIC: Digital Audio Data Reduction - from a broadcasting perspective
SPEAKER: Skip Pizzi, Technical Editor *Broadcast Engineering* magazine
DATE and TIME: Wednesday, June 8th, 7:30 P.M.
LOCATION: WKBD TV50 Studios, 26905 W. 11 Mile Road, Southfield
West of Telegraph Road - East of Middlebelt Road
Drive to the kilofoot stick with a candelabra on the top.

It's not a matter of if data compression will be used in broadcasting!

DAB and HDTV are on their way. Broadcasting as we've known it in the past is becoming history. Digital compression or more correctly digital data reduction *will* be part of both radio and television broadcasting in the near future. Many broadcasters are using it now for commercial and satellite delivery. Skip will discuss the basic workings of digital audio data reduction systems and compare the merit of different approaches. Aural demonstrations will be played. Problems caused by the application of multiple generations of such processing will also be discussed and demonstrated. Finally, applications of this technology will be considered, including digital audio storage, wired transmission and broadcasting.

Our presenter is Skip Pizzi, Technical Editor of *Broadcast Engineering* magazine and author of *Digital Radio Basics* both from Intertec Publishing Corporation. Recent projects have included subjective testing of digital audio compression systems and a study of data encryption systems for the Public Radio Satellite Systems. He has also conducted a series of seminars on new broadcast technologies for the CBC.

Mr. Pizzi is a contributing author to *The NAB Engineering Handbook* and to *Sound Reporting*, a radio production/journalism text. His work has appeared in more than a dozen other magazines since the early 1980s. Skip is also a consultant and trainer with clients throughout the U.S. and Canada. He spent 13 years at National Public Radio. His background includes work in sound reinforcement, music, theater and local radio. He studied physics, international economics and fine arts at Georgetown University, earning a B.A. in 1975. Skip is a member of the AES and the SBE. In 1990 he received the AES *Board of Governors Award*.

This week Skip will be teaching at the WDET *International Digital Conference* along with Mark Decker from the BBC. For more information on that call John Patouhas at 313/577-4146.

PLEASE POST

Everyone is invited to this important and informative meeting.