Detroit Section - September Meeting

TOPIC: Everything you want to know about Dolby Pro-Logic and Dolby Digital.

SPEAKER: Jim Hilson - Dolby Surround Applications Engineer

DATE and TIME: Tuesday, September 10th, 1996; 7:30 pm

LOCATION: WKBD-TV, 26105 W. 11 Mile Rd. (between Telegraph and Inkster.)
Phone (810) 350-5050

PRE-MEETING DINNER: Shaid's Pizzeria, 25101 Telegraph Rd. (Just North of 10 Mile.) Starting at 5:30. Phone (810) 350-2720

Welcome back from vacation. I trust that everyone had a pleasant summer and is ready to help make Detroit an active section again. We are looking to try to have a meeting every month this year, but we cannot do it without your help. We need committee members who will attend meetings on a regular basis, and help make the meeting happen. This involves periodically bringing refreshments to the meetings and helping the officers line up meeting topics and speakers. Please talk to one of the officers if you would like to become a committee member or have your name dropped from the current list. We need at least 3 committee members, but they need to be active committee members. Remember: this is your AES section.

This month we are proud to present Mr. Jim Hilson of Dolby Laboratories Licensing Corporation. He will be talking about the inner workings of the Dolby Surround matrix and the new Dolby Digital Codec. There have been some misunderstandings, misinformation, and just plain confusion lately as to how either of the processes works. (For example: many people have questioned the suitability of Pro-Logic for music playback.) Mr. Hilson has graciously offered to come to Detroit and explain the inner workings of the Dolby codecs and answer any personal questions. This meeting is a joint meeting with SMPTE and the turnout is expected to be huge so feel free to bring a friend.

Jim Hilson is a Dolby Surround applications specialist. He has been with Dolby for 7 years. In that time he has consulted on the Dolby Surround encoding for projects including: The '96 Olympics opening and closing ceremonies on NBC, The World Series and Final Four on CBS, Super Bowl 29 and Monday Night Football for ABC, NFL on FOX for FOX, NFL on TNT, and numerous events for TNN. Mr. Hilson's previous experience includes over 100 album credits, and over 10,000 credits for work on commercials, corporate presentations and television shows during his more than 20 years in the industry.

Please Post: AES meetings are open to all interested persons.

SECTION OFFICERS: Chairman- Bob Klacza, (810) 347-4500. Vice Chairman- David Carlstrom, (810) 544-8453. Secretary- Eric Busch, (810) 305-5535. Treasurer- Bernhard Muller, (810) 305-5535.-

Date: Tuesday, October 15, 1996 (Third Tuesday in October)

Time: 7:30 PM

Location: SANDY CORPORATION
1500 West Big Beaver Road, Troy (West of I-75)
(810) 649-0800

Subject: ANCILLARY DATA AND EMBEDDED AUDIO

Speaker: RANDY CONROD
Leitch Technology International, Inc.

Many of us are familiar with the process of recording video digitally on magnetic tape. But there are other signals that are recorded along with the video as well. Randy will define ancillary data, discuss the process of adding it to the many 4Fsc and 4:2:2 digital recording systems in use today, and offer some applications for the ancillary data stream. He will also explain embedded audio, talk about how it is included in digital recordings, and give some of the differences between analog and digital audio levels.

For six years, Randy Conrod has been a sales engineer for Leitch Technology International, Inc., in North York, Ontario, covering the provinces of Ontario, Manitoba and Saskatchewan. Prior to joining Leitch, he was in technical sales and engineering at Broadcast Video Systems, Inc., in Richmond Hill, Ontario.

UPCOMING EVENTS:
November 12 - Monthly meeting: New Technology in Telecine Design - Philips
December 10 - Monthly meeting: Topic to be announced

MANAGERS' DINNER will be held at 5:30 PM at Sebastian's Restaurant, 2815 West Big Beaver Rd. (in the Somerset Collection), Troy. (810) 649-6625

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Non-members and guests welcome • No admission charge
Date: Tuesday, November 12, 1996

Time: 7:30 PM

Location: WJBK-TV
16550 West Nine Mile Road
Southfield, Michigan (810) 557-2000

Subject: JVC’s DIGITAL-S: The Format and the Technology Behind It

Speaker: JERRY COHEN
Product Marketing Manager, JVC Professional Products

JVC’s Digital S is a new digital tape format which offers high performance and system flexibility at an economical cost. Mr. Cohen will explain the format, as well as cover some fundamentals of digital tape technology, including sample rates, compression and pre-read. A hands-on demonstration will follow the talk.

Jerry Cohen has over 26 years of experience in the video industry. His responsibilities with JVC include new product development, product planning, and marketing management for the JVC Professional product line. He previously held engineering and marketing positions with Sony, Sharp, Tektronix and Panasonic.

ELECTION RESULTS

Harold Miller has been elected Central Region Governor. He replaces Esio Marzotto, whose term ends in December.

UPCOMING EVENTS: December 10 - Monthly meeting: Topic to be announced

MANAGERS’ DINNER will be held at 5:30 PM at Steak & Ale, 24666 Northwestern Highway, Southfield. (810) 353-7448.

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MEETING NOTICE

Date:      Tuesday, December 10, 1996
Time:     7:30 PM
Location: WXYZ-TV
          20777 West Ten Mile Road
          Southfield, Michigan    (810) 827-7777
Subject:  DTV UPDATE
Speaker:  JOHN F. X. BROWNE, P.E.
          John F. X. Browne & Associates, P.C.

John has been involved in committee work on HDTV for the past several
years and serves as Chairman of the AFCCE committee on Advanced Television
Systems (DTV/HDTV). He will bring us up to date on what's happening with
HDTV and DTV, where things stand with channel allotments and coverage, and
present us with a current timetable.

John F. X. Browne is a past Chairman of the Detroit Section and has
served five terms as Central Region Governor for the Society. He was made a
Fellow of the SMPTE in 1978. He is active in many professional groups
including Engineering Society of Detroit, Michigan Society of Professional
Engineers, IEEE, and AFCCE. He has been actively engaged in the broadcast
and communications fields for over thirty years.

Prior to John’s presentation, Test Materials Advisor Harold Miller will
demonstrate a SMPTE videotape to aid in adjusting color balance in monitors
and TV receivers.

UPCOMING EVENTS:  January 14, 1997 - Monthly meeting: Technology Update - Sony Corporation
                    February 6-8, 1997 - 31st Advanced Motion Imaging Conference, New York City

MANAGERS' DINNER will be held at 5:30 PM at Prima Diner, 24977 Northwestern
Highway, Southfield. (810) 352-7878.

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MEETING NOTICE

Date:      Tuesday, January 14, 1997
Time:     7:30 PM
Location: WWJ-TV
          300 River Place
          Detroit, Michigan  (313) 259-6288
          (Off East Jefferson Ave., 1 1/4 miles east of Renaissance Center)
Subject:  SONY BETACAM-SX
Speaker:  MICHAEL TAYLOR
          Sony Corporation

Sony Broadcast has introduced a new digital video hybrid recorder family called Betacam SX, which incorporates both digital tape and internal disk recording. This concept is useful for high-performance non-linear editing and facilitates instant retrieval and editing of video material. Mr. Taylor will explain the system and demonstrate the DNW-A100 deck.

Michael Taylor is Sony’s Midwest Regional Specialist for Digital Storage. He graduated from Southern Illinois University at Carbondale and has held sales and technical positions with Ampex Corporation, For-A Corporation, and Inteligent Resources.

UPCOMING EVENTS:  February 6-8, 1997 - 31st Advanced Motion Imaging Conference, New York City
                   February 11, 1997 - Monthly Meeting: Topic to be announced

MANAGERS’ DINNER will be held at 5:30 PM at Baron’s Steakhouse, 1000 River Place (in the River Place Hotel), Detroit. (313) 259-4855

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MEETING NOTICE

Date: Tuesday, February 11, 1997

Time: 7:30 PM

Location: FORD MOTOR COMPANY
WORLD HEADQUARTERS MEDIA CENTER
Michigan Avenue east of Southfield Freeway
Dearborn, Michigan (313) 337-5265
(See map on reverse)

Subject: HIGH SPEED FILM AND VIDEO MOTION ANALYSIS TECHNOLOGY

Speaker: JAMES A. LAFER, JR., President
Photonics Applications Midwest

Mr. Lafer will offer a chronology of significant High Speed Video Analysis developments and discuss work being done today to develop high speed video standards for the Society of Automotive Engineers. The presentation will also feature a demonstration of the Weinberger Speedcam Lite, developed to simplify use of videography in applications not previously popular due to cost or complexity. He will also discuss work in progress on auto-tracking 2D and 3D data analysis software and its eventual applications.

For thirty-two years, Jim Lafer served in various photographic positions with Chrysler Corporation. He was the first vehicle crash research photographer at the Chrysler Proving Grounds and pioneered development of high speed video systems. Upon retirement from Chrysler, he joined Instrumentation Marketing Corporation, which evolved into NAC Visual Systems, now operated by Eastman Kodak. He is currently president of Photronics Applications Midwest, which represents companies and individuals prominent in high-speed motion analysis.

UPCOMING EVENTS:
March 11: Detroit Section monthly meeting; Topic to be announced
March 20-22: First Annual Spring Film Conference, Los Angeles
April 5-10: NAB '97, Las Vegas
April 15: Detroit Section monthly meeting (one week later than usual)

MANAGERS' DINNER will be held at 5:30 PM at Big Fish, 700 Town Center Drive, Dearborn (Fairlane Town Center ring road west of the mall, just off Evergreen). (313) 336-6350

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MEETING NOTICE

Date: Tuesday, March 11, 1997
Time: 7:30 PM
Location: ST. CLAIR COLLEGE, Windsor, Ontario
Room 321A (Park in Lot ‘T’ - See back for directions)
IMPORTANT: A parking pass is required for this parking lot and is reproduced on the back. You MUST display the pass on your dashboard.

Subject: CLOSED CAPTIONING

Speaker: BEVERLEY OSTAFICHUK, Founder and CEO
Caption Resource Center, Oakville, Ontario

This interesting presentation will provide a general overview of the captioning industry and its effects on the broadcast community. It will include discussion on government and regulatory advances, with comparisons between the Canadian and American models of captioning, the technological advancements, largely in the area of digital captioning technology; corporate sponsorships and underwriting costs associated with captioning; and a glimpse of the next generation of captioning technology. A demonstration of CRC’s VoiceWriter™, which is an easy-to-learn application which fits into any post-production environment, will be included.

Beverley Ostafichuk has earned a worldwide reputation as one of the foremost leaders and innovators in captioning. She formed LOBCO Inc. to assist Canadian broadcasters in implementing captioning, and went on to create Canada Caption Inc. in 1992, a nonprofit organization which increased the amount and improved the quality of captioning of Canadian television programming by underwriting the associated costs. CRC is a fully integrated captioning service company serving Canadian and worldwide clients.

UPCOMING EVENTS: March 20-22: First Annual Spring Film Conference, Los Angeles
April 5-10: NAB ’97, Las Vegas
April 13: Detroit Section monthly meeting (one-week later than usual)

MANAGERS’ DINNER will be held at 5:30 PM at Market Place Restaurant, 1855 Huron Church Road, Windsor (right next to the Holiday Inn).

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MEETING NOTICE

Date: Tuesday, April 15, 1997
Time: 7:30 PM
Location: SPECS HOWARD SCHOOL OF BROADCAST ARTS
19900 West Nine Mile Road at Evergreen (Northeast corner)
Southfield, Mich. (810) 358-9000
Ask at front desk for directions to meeting room.

Subject: UPDATE ON SERIAL DIGITAL VIDEO TRANSPORT

Speaker: WALLACE MURRAY
Ameritech

Last year Wallace gave us a demonstration of transmission of SMPTE 259M serial
digital video over several miles via telephone facilities. This month he will update us with
some background on the development of uncompressed serial component digital transport
and switching. He will cover the possibilities that the service offers to the post production and
motion picture industry, as well as the opportunities and potential solutions to problems and
concerns that broadcasters face today and in the future. One such opportunity is terrestrial
video networking as an alternative to the overcrowded and endangered microwave ENG
bands. Wallace will also talk about issues of compression and how transport vendors can
work with broadcasters who are planning implementation of DTV. There will be a demon-
stration of some of the equipment involved.

Wallace Murray is a member of the technical staff in the Corporate Product Manage-
dment division of Ameritech. He has spent over 27 years with the company and holds a BSEE
from Western Michigan University and an MBA from Rutgers University.

UPCOMING EVENTS:
May 13 - Monthly Section meeting: The Digital Newsroom
June 10 - Monthly Section meeting: Topic to be announced

MANAGERS’ DINNER will be held at 5:30 PM at Steak & Ale, 24666 Northwestern
Highway, Southfield. (810) 353-7448.

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MEETING NOTICE

Date: Tuesday, May 13, 1997

Time: 7:30 PM

Location: WKBD-TV
26905 West 11 Mile Road (West of Telegraph)
Southfield, Mich. (248) 350-5050

Subject: THE DIGITAL NEWSROOM

Speakers: BILL ROGERS, DAN CULLEN & ROBERT FIELDS
Avid Technology, Inc.

Avid Technology has brought digital technology to the video journalist’s desktop with Avid News, the latest generation in newsroom computing. Unveiled at last month’s NAB convention, Avid News integrates story editing with video servers and video editing on reporters’ PC workstations. Our guests this month will discuss and demonstrate this development, along with the workflow advantages of editing with the Avid NewsCutter and playing back the news on Avid’s digital newsroom playback systems. Included will be a demonstration of Avid News and NewsCutter systems.

Bill Rogers, North American Sales Manager for Avid News, has helped shape the future direction of Avid’s news product line. He comes from a broadcast news background, having spent 20 years as a reporter/journalist. Dan Cullen, Broadcast District Sales Manager, Central Region, has spent his career in professional creative graphics and has worked for Kodak, 3M and Scitex before coming to Avid. Bob Fields is also a veteran of broadcast television. He is a Broadcast Editor/Engineer with Avid and configures and demonstrates Avid’s broadcast news systems.

UPCOMING EVENTS: June 10 - Monthly Section meeting: Topic to be announced

MANAGERS’ DINNER will be held at 5:30 PM at Fishbone’s Rhythm Kitchen Cafe, 29244 Northwestern Highway, Southfield (just north of Twelve Mile on the north side of the road), (248) 351-2925.

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MEETING NOTICE

Date: Thursday, June 19, 1997
Time: 6:30 PM, Refreshments
7:30 PM, Program

Location: MILLENIUM THEATRE
15600 J. L. Hudson Drive (opposite Northland Center)
Southfield, Mich. (248) 552-7000

Subject: NEW KODAK VISION FILM STOCKS

Speakers: BEN STONE, SUE ZYGO,
JOHN DEVAULT and HERB DIETRICH
Eastman Kodak

This month our speakers will present an overview of the new KODAK VISION
Motion Picture Film Stocks. The presentation will include a 35mm slide presentation
explaining the technical aspects of the new films, and two 35mm demo films providing a
comparative look of the new VISION stocks V200T and V250D against 5/7293, 5/7297,
5/7248 and V500T. A 16mm demo film may be shown as a complement to the 35mm demos.
Sue Zygo is the Project Leader for VISION film stock development and has been with
Kodak for over seven years. John DeVault, an employee of Kodak for over 24 years, was
very instrumental in the development project, as was Herb Dietrich, also of the Research
division. Ben Stone is the sales representative for Kodak in the Detroit area.

RSVP: If you plan on attending, please call Dani at (630) 218-5175 by June 13.

Results of 1997-98 Section Elections

Chair: Eugene D. Wilczak, WJBK-TV
Secretary-Treasurer: Frank Maynard, WKBD-TV
Managers (two year terms ending June 30, 1999):
Donald T. Balousek, Producers Color Service
Vince Capizzo, Midnight Designs, Inc.
David G. Westermann, Sony Electronics, Inc.

MANAGERS' DINNER will be held at 5:00 PM at Steak & Ale, 24666 Northwestern
Highway, Southfield. (810) 353-7448.

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