Date: Tuesday, September 12th
Time: 7:30 PM
Location: Ameritech
        444 Michigan Avenue, Detroit
Speaker: William E. Cohn, Applications Engineer, Tektronix
Subjects: "Audio Video Delay Measurement and Correction Using Video Watermarking Techniques"

The need for correcting the timing of video and audio programs has become a necessity with the amount of digital processing that occurs in modern digital television plants. This presentation will show a new technique of watermarking the video signal that creates a reference to maintain the time relationship with associated audio information.

Bill Cohn is now an Applications Engineer with Tektronix Television Industry Group, where he has worked for the last five years as an Account Manager. Prior to working at Tektronix, Bill was employed as a Sales Engineer at Antec Corporation for two years and before that he was employed at Zenith Electronics where he was the National Field Service Manager for CATV and also spent time on the bench designing television receivers. Bill has a BSEE from the University of Illinois and an MBA from Roosevelt University. He is a Senior member of the SCTE and is also a member of SMPTE and the SBE.

MANAGERS' DINNER at 5:30 PM at Nick’s Gaslight, 441 Grand River (313) 963-9191 (Within walking distance of Ameritech). PARKING will be provided in the garage behind Ameritech on 1st street. Please call Wallace Murray at (313) 983-8421 and leave a message that you are planning to attend. He will let the guard know to plan on your arrival!

Peter Sackett has accepted a position with WBBM in Chicago. We all wish Pete the very best in his new position. We will miss his contribution to our Detroit Section.

Chuck Reti of K-Mart has graciously agreed to step into the Manager’s vacancy left by Pete Sackett as well as take on the responsibility of Membership Chair. Thank you, Chuck!

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MEETING NOTICE

Date: Tuesday, October 10th, 2000
Time: 7:30 PM
Location: Roscor Michigan, Inc.
27280 Haggerty Rd., Suite C-2, Farmington Hills, MI 40331
Speaker: George Elsasser, Logic Innovations, Inc.
Subject: "An Introduction to IP Datacasting"

The advent of DTV has opened up opportunities for broadcasters, satellite operators and CATV organizations using MPEG-2 transmission to insert data into the transport stream in addition to transmitting the normal program video and audio. IP datacasting encapsulates standard internet data packets into an MPEG signal format and allows this data to be transmitted and then received by low cost receiver cards inserted in standard PCs, providing multicast or unicast high speed internet access. Current technology also permits opportunistic data insertion and encryption for the security of that data.

George Elsasser is the Director of Sales, Eastern Region, for Logic Innovations, Inc. (LII). LII is a private San Diego based company specializing in developing niche products for the MPEG services market. Mr. Elsasser has been involved in the sales and marketing of products to the professional television market since the mid 70's. His experience includes tours of duty with Sony, Avid and Fortel. Prior to joining LII, he spent significant time in the newsroom automation area with BASYS and NewsMaker, marketing client server news automation systems. He has a BSEE degree from Fairleigh Dickinson University and has attended the University of California graduate studies program in Electronic Engineering.

MANAGERS' DINNER at 5:30 PM at Cooker's - 39581 12 Mile Rd., Novi, MI 48377
(Just west of the AMOCO station on the SW corner of 12 Mile Rd. and Haggerty) (248) 380-2600

Roscor is located about 1/8th of a mile south of 12 Mile Rd. on the south side of Haggerty Rd. in the "Technology Park" complex. Suite C-2 is on the west side of the building directly behind the Farmer’s Insurance building.

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MEETING NOTICE

Date: Tuesday, November 14th, 2000
Time: 7:30 PM
Location: North Farmington H.S. TV-10 Studios
32900 W. 13 Mile Road (Corner of 13 & Farmington Rd.)
Speaker: Lou Mastrocola, General Instrument Inc.
Subject: "A Technical Overview of Digital Cable Television"

Cable TV systems are increasingly moving toward digital transmission to their subscribers. This month our program takes a look at the technology that CATV operators are using to encode and deliver a digital signal.

MANAGERS’ DINNER at 5:30 PM at Steak & Ale, 27590 Orchard Lake Rd., Farmington Hills (At Orchard Lake & 12 Mile Rd. Just off I-696 Orchard Lk. Rd. exit) (248) 476-8440

North Farmington High School is located on the corner of 13 Mile and Farmington Roads. Enter via the west entrance and follow the signs.

Congratulations to Wallace Murray on his being elected our newest Central Region Governor!

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MEETING NOTICE

Date: Tuesday, December 12th, 2000
Time: 7:30 PM
Location: WKBD
26905 W. 11 Mile Rd. Southfield, MI
Speaker: David Neff, Vice President, ADC Broadcast Systems
Subject: “A Compatible Narrow-Band 8-VSB Transmission System - Bandwidth Enhancement Technology”

A potentially serious problem exists for many broadcasters with DTV channel allocations 2, 4, 5, 6, 7, 13, 14, 36, 38 and 51, as well as channels adjacent to existing NTSC channels. With the broadband out-of-band products created by the digital broadcast signal, output filtering may not be available to provide the necessary adjacent channel rejection without negatively affecting the desired channel information. This paper will discuss a new technology which "moves" information within the digital channel without affecting the content of the signal. The result is a reduction in the spectral size of the signal, allowing the use of more aggressive filtering without compromising the desired signal.

David Neff is Vice President of ADC Broadcast Systems (formerly ITS Corporation), where he has served in various management positions since 1986. He holds a BSEE from Point Park College and an MBA from Syracuse University. Previously, he held technical and design engineering positions with Contraves-Goez Corporation, the General Electric Company, Harris Corporation, and Tektronix. He is a member of the Society of Broadcast Engineers (SBE), the National Association of Broadcasters (NAB), and the Advanced Television Systems Committee (ATSC).

MANAGERS’ DINNER at 5:30 PM at Steak & Ale 27590 Orchard Lake Road, Farmington Hills MI 48334 (248) 476-8440 (Restaurant is located on the east side of Orchard Lake Rd. just north of I-96)

WKBD is located on the south side of 11 Mile Road, between Inkster and Franklin Roads.

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MEETING NOTICE

Date: Tuesday, January 9th, 2001

Time: 7:30 PM

Location: Ameritech Headquarters
444 Michigan Avenue at Cass, Downtown Detroit

Speaker: Wallace Murray, Area Manager – SBC/Ameritech

Subject: “The 142nd SMPTE Technical Conference and Data Communications”

Wallace will feedback many of the new topics presented at the SMPTE conference as well as introduce the topic of video and data communications from a common carrier perspective. There are many pieces between the network interfaces that a customer never sees. As video transport is becoming more and more integrated into traditional telco transport systems, care in proper network design and operation is critical. The cinema of the future is getting very close to being a commercial product. HD TV is driving it.

Wallace Murray is Area Manager for SBC/Ameritech with regional responsibility for Broadcast and Professional Video and Common Carrier Radio design and technical support. He has 31 years with the company or its predecessors having increasing levels of responsibility for Digital Carrier, Mobile Radio and Paging, Economic Analysis and Planning and Video. Prior to joining SBC (Michigan Bell) Wallace worked for Ch 4, now WDIV as a transmitter engineer.

The Managers Dinner will be at Nick's Gas Light Restaurant on Bagley near Cass.

Entrance to the meeting will be via the 445 State Street Door. (AT&T entrance off First Street on North side of building). Parking will be in the employee parking garage located on First Street. Just tell the guard that you are attending the SMPTE meeting that Wallace Murray is hosting. If possible, please call Wallace at (313) 983-8421 to let him know you are coming. This is not a requirement to attend the meeting.

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A discussion of what a Digital Cinema projection system is and where this movement in the industry is headed will be the topic for the evening. Included will be information about the equipment that is currently being used in the field and what is on the horizon, as well as Technicolor’s role in DCinema with their Qualcomm joint venture.

Scot Kneisley is part of the Technicolor Digital Cinema team, having joined the company last year. His experience with Technicolor includes work on the Duplication Engineering team, where he has helped to define the High Speed VCR duplication facility in California. He then helped to create and lead the High Speed VCR duplication team, and he has been involved in the development of new system and equipment upgrades in conjunction with Sony. He was assigned to the Technicolor Filmmaking plant in 1999 as Engineering Supervisor, where he focused on the DCinema project.

Chester Hartwell recently joined Technicolor Digital Cinema Team to apply his experience in film and video projection systems to demonstrate, prove, define and implement the present and future DCinema systems.

Chester spent most of the 90’s working for Walt Disney Imagineering Research and Development as head of their Projection Department, and co-director of Operations. R&D spearheaded the Disney Digital Cinema project beginning in 1994 with in-house prototype high frame rate (12K+) and resolution video projectors. These projectors were used during practical technology demonstrations (what became known as in-house “mini-Info Comm shoots”) for Disney stakeholders and the video projection industry at large.

MANAGERS’ DINNER at 5:30 PM at Cooker’s, 7 Mile Rd. between I-275 off-ramp & Haggerty

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Technicolor is located between the I-275 off-ramp at 7 mile road and Haggerty Road. The driveway entrance to the facility is located directly across from the Cooker’s Restaurant. Enter through the “glass doorway” at the front of the building by the flagpole. Directly after the meeting, tours will be provided of the Technicolor duplication facility. Upon leaving the building, guests are asked to perform a “self pat-down” security procedure – standard for all employees and visitors to Technicolor.

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**MEETING NOTICE**

**Date:** Tuesday, March 13th, 2001  
**Time:** 7:30 PM

**Location:**  
WKBD  
26905 W. 11 Mile Rd. Southfield, MI

**Speaker:**  
Henry Fries, Director of Systems Engineering, Thomcast

**Subject:** “Adventures in DTV, Channel 14”

WKBD's DTV transmission system was not provided as would be a conventional system. There were few guarantees that could be made at the time of order. The amount of out-of-band rejection was unknown at that point. Could a filter be built that would meet the rejection requirements and yet not adversely affect the DTV signal? Would the transmitter be able to correct for the signal distortions introduced by the filter? Could the transmitter and filter be built to fit into the available space? The first successful Ch14 DTV broadcast on December 5, 2000 answered several of these questions. Achieving this success required an engineering team willing to share risk and focused on jointly reaching the goal. It had its ups and downs, set backs and victories. It was an adventure."

Henry Fries is the Director of System's Engineering, RF Engineering and the Tech Pubs Groups for Thomcast Communications, Inc. Broadcast Division. He oversees the Design of High Power Broadcast Passive Components and the implementation of site specific Broadcast Systems.

Previously, Fries was an Engineer Consultant at The Geiss Group in Holbrook, NY where he developed test plans for the certification of shielded enclosures, specified equipment to upgrade the capability of test facilities and performed on-site final testing of shielded enclosures to spec. Prior to The Geiss Group he was a Calibration Technician / Engineering Aid at Dorne & Margolin in Bohemia, NY.

Fries has a Master of Science in Engineering Management from Western New England College, a Bachelor of Electrical Engineering degree from State University of NY at Stony Brook and an Associate of Engineering Science degree from Suffolk County Community College.

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**MANAGERS’ DINNER** at 5:30 PM at Copper Canyon Brewery, 27522 Northwestern Highway, Southfield, MI (248) 223-1700.

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WKBD is located on the south side of 11 Mile Road, between Inkster and Franklin Roads.

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Date: Tuesday, April 10, 2001
Time: 7:30 PM

Location: Ford Motor Company, WHQ
Speaker: A panel discussion/presentation by:
Jim Hegarty, Facilities Manager, FCN Creative
Kurt Kreszyn, Chief Engineer, FCN Engineering & Operations
Chris Hill, Systems Engineer, Roscor Corporation
Devon Tiderington, Regional Sales Manager, Roscor Corporation

Subject: Ford Motor's WHQ Corporate Conference Center

Imagine if you needed to develop and implement a design to renovate a 50-year-old auditorium to meet the communications needs of a large corporation, all in 90 days. This facility would also need the ability to display for discussion, everything from a business card to automobiles, manage and control images and generate graphics on four different projection systems, provide sound reinforcement for both voice and recorded audio sources using wired, wireless and infrared technologies, integrate video conferencing capabilities for 468 seated participants, insure the room has complete interconnectivity and capability with all other Ford world-wide production facilities and satellite networks, yet hide all the technology to maintain a conservative environment. Join us for a unique, behind the scenes look and tour at how Ford Communications Network (FCN) and Roscor Corporation addressed this challenge.

MANAGERS' DINNER at 5:30 PM - Baker’s Square, 5575 Greenfield Road, Dearborn MI.
(313) 441-1900. Located at the intersection of Ford and Greenfield Roads.

Henry Ford II World Center, Ford Motor Company, WHQ 1 American Road, Management Conference Center (Michigan Ave M-12 and Southfield Fwy M-39) Dearborn, MI 48126
(Park in Employee Lot #4 on North side of the building and use the North Employee Entrance.
Bring flyer to show to security to gain access)

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MEETING NOTICE

Date: Tuesday, May 8th, 2001
Time: 7:30 PM
Location: Wayne Country R.E.S.A.
33500 Van Born Road, Wayne MI 48184
Subject: “NAB 2001 Wrap-up”

With another NAB convention behind us, many new, innovative products and emerging technologies merit review. This meeting will serve as a forum for discussion of these as they relate to the ongoing transition to Digital Broadcasting. Panelists will be those of us who were fortunate to participate in this year’s convention.

The Managers Dinner will be at 5:30 PM at L. George’s Restaurant, 34438 Michigan Ave., Wayne, MI. Located between Wayne and Venoy. (734) 722-2282.

Wayne County Regional Educational Service Agency is located on Van Born Road just off of Howe St. in Wayne Michigan. From the Southfield Expressway, take Michigan Ave. west into the city of Wayne to Howe St., turn left and proceed over R.R. crossing toward Van Born Rd. Please observe the speed limit in this area as this is closely monitored. From I-275 and points west, take Michigan Ave. through downtown Wayne and make a right onto Howe St.

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MEETING NOTICE

Date:      Tuesday, June 12th, 2001
Time:      7:30 PM
Location:  CBC Place
           825 Riverside Dr. West, Windsor, Ont.
           Corner of Riverside and Crawford Ave.

Subject:   “The Latest Digital Satellite Technology”
Speaker:   Denis Orendt National Account Manager, Broadband
           Systems Group, Telesat Canada.

Denis will give an overview of the latest digital satellite technology involving DVC video, multimedia and internet wireless technology that new birds, like the ANIK F1 will provide. He will also explain what controls these spacecraft.

Denis Orendt has more than twenty years experience in the television and video industry. After graduating from Sheridan College’s 3 year Media program, he started his working career in the production industry.
After spending 9 years in various positions in the Broadcast and Non-Broadcast markets, he moved into the area of program distribution.
An additional 11 years was spent with Panasonic Broadcast Systems, as National Sales Manager. During that time he assisted in the transition of the CBC Windsor facility from an analog to a digital facility.
His present position is that of National Account Manager, Broadband Systems Group, Telesat Canada.
He is currently enrolled at Ryerson University studying Telecommunications Management.

Managers dinner is at the Casa Bianca Ristorante at the back of the Quality Suites Inn at Dougal and Chatham streets. Anyone losing their way in Windsor may give Richard Baillargeon a call at (519) 255 3411 or his local no. at (519) 255-3453

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