

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

DATE: Tuesday, September 14, 2004

TIME: 7:30 PM

LOCATION: University of Michigan, NORTH CAMPUS
Room 1003, Electrical Engineering and Computer Science Building
1301 Beal Ave.
Ann Arbor, MI 48109
734-764-3345

SUBJECT: Active-Matrix Organic Polymer Light-Emitting Displays

SPEAKER: Prof. Jerzy Kanicki, Ph.D.
Professor of Electrical Engineering and Computer Science, University of Michigan

Flat screen displays are overtaking CRTs as the preferred method of visual displays. Dr. Jerzy Kanicki will share with us some of his extensive knowledge of TFT and Organic LED display technologies, present and in development.

Dr. Kanicki received his Ph. D. degree in Sciences (D. Sc.) from the Free University of Brussels (Université Libre de Bruxelles), Brussels, Belgium, in 1982. He subsequently joined the IBM Thomas J. Watson Research Center, Yorktown Heights, New York, as a Research Staff Member working on hydrogenated amorphous silicon devices for the photovoltaic and flat panel display applications. In 1994 he moved from IBM Research Division to the University of Michigan as a Professor in the Department of Electrical Engineering and Computer Science. At the present, his research interests within the Electrical and Computer Engineering (ECE) division of EECS, include organic and molecular electronics, thin-film transistors and circuits, and flat panel displays technology including organic light-emitting devices. [More interesting information here.](#)

Directions to meeting site:

I-94 to US23 NORTH, or, M-14 to US23 SOUTH. stay on US23 until exit 41 (Plymouth Road) Continue on Plymouth (west). Turn left on Murfin. You will then turn left on to Hayward (Next turn after stop sign) You can then park in the second parking lot. You will be entering the GG Brown Building. Go in the main door and go down the stairs right inside the doors. You will then go to the next floor down. When you come out of the stairwell stay straight until you go through double doors to another building. You are now in EECS. The stairwell will be straight ahead of you. Go down the next floor. You should end up in the hallway where 1003 is located.

MANAGERS' DINNER will be at 5:30 PM at **Applebee's**, 2310 Green Road (at Plymouth Rd.) Ann Arbor. 734-741-1870

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Guests and Non-Members are Welcome

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

DATE: **Tuesday, October 12, 2004**

TIME: **7:30 PM**

LOCATION: **SBC NORTHWEST OFFICE CENTER**
23500 Northwestern Highway, Building W
Southfield, Michigan
(See below for directions)

SUBJECT: **Media's Changing Face**

SPEAKER: **Mark Anzicek**
President, ZenTechnologies

There's no shortage of media formats these days, from audio and video tape, to recordable and pre-recorded CDs and DVDs. Industry veteran and SMPTE member Mark Anzicek will focus on news and updates on the latest disc formats with a specific slant on the CD-R/DVD-R and yet to be named formats of the disc-duplication business.

Mark Anzicek is president of ZenTechnologies, which performs consulting services and markets niche duplication/replication products to the tape duplication and disc replication media markets. Mark has been a past manager and chair of the Detroit Section and, over the years, has attended several of the SMPTE national conferences. Mark previously held engineering and managerial positions at Allied Film & Video, NET Television and Hite Photo.

The SBC Northwest Office Complex (NWOC) Southfield Road entrance is just south of Mt. Vernon Road. There is an SBC sign at the driveway. Drive West and park in the lots between Southfield Road and the buildings. All the buildings are marked with letters, A, B, C, etc... Enter the "B" building and check in with security. We will hold the meeting in the "W" building Training Room. [Here is a map of the NWOC complex \(PDF, 54k\).](#)

MANAGERS' DINNER will be at 5:30 PM at **TGI Friday's**, 26299 Evergreen, between Civic Center Dr. and 11-Mile (I-696). (248) 353-5531.

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

DATE: Tuesday, November 9, 2004

TIME: 7:30 PM

LOCATION: Roscor Michigan, Inc.
Farmington Hills, Michigan
(248) 489-0900

SUBJECT: MEDIA EXCHANGE FORMAT

SPEAKERS: John Shike and Chip Schneider
Snell & Wilcox, Inc.

The advantages of an IT-based broadcast infrastructure include more efficient workflow, improved asset management, lower operating costs, and speedier time to air. Through use of the MXF file format, the standardized interchange of content and metadata has arrived, enabling broadcasters to adopt lower cost, generic IT hardware solutions to meet the demands of the broadcast environment.

Snell & Wilcox and Omneon have been instrumental in the SMPTE standardization of the MXF file format, and will discuss the benefits of MXF and its implications to the broadcaster's workflow. Examples of MXF wrapped files will be demonstrated during the presentation, followed by a question and answer period.

John Shike is the Vice President of Channel Partners at Snell & Wilcox. He has over 20 years of TV equipment industry experience. He has had positions in product management, sales, marketing, and business development at companies including CMX, Aurora, Chyron, and Spruce Technologies.

Chip Schneider is the Regional Sales Manager at Snell & Wilcox, responsible for all sales activity in the Midwest US. He is a 20 year veteran of the broadcast industry, most recently serving as Director of Sales for EMC's Avalon Product Group and Manager of Business Development for Harris Corporation's Broadcast Systems Group.

MANAGERS' DINNER will be at 5:30 PM at **Greek Isles**, 39777 Grand River Ave. (southwest corner of Grand River & Haggerty Rd.), Novi. (248) 442-9255

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

DATE: **Tuesday, December 14, 2004**

TIME: **7:30 PM**

LOCATION: **GTN**
13320 Northend Ave.
Oak Park, Michigan 48237
(248) 548-2500
[Map](#)

SUBJECT: **Sledgehammer: The Intersection of Video and Data Networks**

SPEAKERS: **Mike Hughes**
Maximum Throughput

Post and broadcast facilities have been dealing with concurrent digital video and data networks for many, many years. While the core data (i.e. image and audio) on each of these networks is almost always the same, bridging this digital divide has been challenging to say the least. Maximum Throughput's Sledgehammer system provides a unified and shared storage environment that can be accessed concurrently through either of these networks. The presentation will discuss product architecture and facility integration and usage issues.

Mike Hughes has seventeen years of varied experience in technical development and management. He has held key positions at such high-tech firms as CAE Electronics and, most recently, Discreet Logic, where as Vice-President of Product Development, he supervised all engineering teams working on state-of-the-art technology across several product categories and market segments.

MANAGERS' DINNER will be at 5:30 PM at **O'Mara's**, 2555 Twelve Mile Road (at Coolidge), Berkley. (248) 399-6750 [Map](#)

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Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
January 2005

DATE: **Tuesday, January 18, 2005**

TIME: **7:30 PM**

LOCATION: **Farmington Schools Training Center**
33000 Thomas St. (near Grand River and Farmington Rd.)
Downtown Farmington, Michigan

SUBJECT: **STANDARD AND HIGH-DEFINITION SDI MONITORING**

SPEAKER: **Karl Kuhn**
Tektronix

Tektronix will present a mini-seminar on monitoring SDI and HD SDI signals. Included will be an overview of analog-to-digital conversion, SDI waveforms and their use, physical layer measurements, gamut measurements, timing and jitter, and High Definition television terminology and measurements.

Karl Kuhn has been with Tektronix for five years and is currently a Video Systems Application Engineer based in the Washington, DC area, supporting Analog/Digital Video, MPEG, and RF. Before working for Tektronix, Karl was the lead Video Test Engineer for IBM in their Digital Video Development Laboratory in Bethesda, MD. Karl holds three US patents and one international patent that cover in-service Testing of Digital Broadcast Video. He is the Secretary and Treasurer for the Washington DC Section of the Society of Motion Picture and Television Engineers (SMPTE). He is also a Certified Project Management Professional through George Washington University.

MANAGERS' DINNER will be at 5:30 PM at **Page's Food and Spirits**, 23621 Farmington Rd. (South of Grand River), Farmington. (248) 477-0099.

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Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
February 2005

DATE: **Tuesday, February 8, 2005**

TIME: **7:30 PM**

LOCATION: **Roscor Michigan, Inc.**
27280 Haggerty Rd., Suite C-2
Farmington Hills, Michigan
(248) 489-0090
[Map](#)

SUBJECT: **CAMERA OPTICS**

SPEAKER: **Robert A. Zeichner**
Sales Manager, Roscor Michigan
and noted Exhibiting Photographer

As High Definition video acquisition increases, the "glass" becomes a more important consideration than ever. In this month's program, Bob Zeichner will share some of his considerable expertise on camera optics. Those who have seen Bob's presentation for other groups will agree it is entertaining as well as informative.

Covered first will be basics of lens construction, inherent flaws, the challenges optical designers face, and different types of glass and lens coatings. Part Two deals with lens function, depth of field, angle of coverage, f-stops, t-stops, determining focal length and other performance-related attributes. Part Three deals with some of the subtleties of lens performance, limitations of prism optic television cameras and describes some of the special purpose optics available for film and video use. Finally, Bob will discuss some of the special requirements of optics for HD.

Bob Zeichner has served the film and television industry for over 30 years. First working as a filmmaker for WPSX-TV, then a repair technician at Victor Duncan, he later migrated into sales. Bob has been with Roscor for the last 15 years, a member of SMPTE for the last 10 years and currently a Manager for the Detroit Section. A member of the Art Photography League with a BFA from Pratt Institute, Bob is an internationally respected fine art photographer whose articles and work have been published in ViewCamera and Photo Techniques and a number of on-line e-zines. His work can also be seen in shows at local photo galleries.

MANAGERS' DINNER will be at 5:30 PM at **Ruby Tuesday**, 39581 Twelve Mile Road (just west of Haggerty), Novi. (248) 348-7635 (Note: This is a new Ruby Tuesday location - the former Cooker restaurant. It is not the location near Orchard Lake Road where we have met before.)

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Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
March 2005

DATE: Tuesday, March 15, 2005 (One week later than usual)

TIME: 7:30 PM

LOCATION: MacProfessionals, Inc.
40245 Grand River (West of Haggerty Rd.)
Novi, Michigan
(248) 893-0738

SUBJECT: Apple XSAN and XServe RAID: Storage Area Networking for NLE Systems

SPEAKER: Dean Norton, Director of Technology
and Jon Rutherford, Director of Training/Video
MacProfessionals

Many broadcast and post-production facilities are on the path to upgrading, changing or installing new storage capability for growing nonlinear editing (NLE) operations. Xsan from Apple Computer is a 64-bit cluster file system for Mac OS X that permits sharing files and volumes up to 16TB on a high-speed Fibre Channel network. Using Fibre Channel multipathing, an Xsan client can theoretically achieve throughput of up to 400MBps, perfect for multiple editors working on a video project or a computing cluster that needs fast access to data. Other components of a SAN infrastructure, Xserve RAID arrays, and Xserve G5 Server, will be shown as well, and how these components can integrate into a multiplatform environment. Use of Xsan/Xserve in an enterprise application will also be discussed. Time permitting, video creative applications Final Cut Pro HD and Motion will be available for viewing.

Dean Norton heads the 15-person technical team at Macprofessionals, Michigan's only Xsan Medallion Reseller, and Apple Professional Video Value Added Reseller. Norton has been supporting Apple technology professionally for 15 years. He holds two bachelor's degrees in technology subjects from Michigan State University, and five current technical certifications from Apple. When he is not thinking about SAN solutions, he spends time writing, learning the guitar, and flying stunt kites.

Jon Rutherford heads both the Training and Video Departments. Macprofessionals is the only Apple Authorized Training Center in Michigan to offer the complete Apple Pro Apps curriculum. Our Video group specializes in configuring specific solutions to meet the client's needs. Jon has years of multi-media experience and travels the country providing training and consultation services.

MANAGERS' DINNER will be at 5:30 PM at Greek Isles, 39777 Grand River Ave. (just west of Haggerty in Pheasant Run Plaza). (248) 442-9255.

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Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
April 2005

DATE: Tuesday , April 12, 2005
TIME: 5:30 PM
LOCATION: Page 's Food and Spirits
23621 Farmington Rd.
Downtown Farmington, Mich.
-248) 477-0099
SUBJECT: Current topics in motion imaging

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 Page's. 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.

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**Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
May 2005**

DATE: Tuesday, May 10, 2005

TIME: 7:30 PM

LOCATION: Farmington Schools Training Center
33000 Thomas St. (near Grand River and Farmington Rd.)
Downtown Farmington, Mich.

SPEAKER: Ken Sargent
Worldwide Director of Sales
Teranex

SUBJECT: HD Conversion and Noise Reduction Technology

This month's discussion will focus on a brief overview of Teranex's patented "Processor-per-Pixel" conversion and noise reduction technologies and how they have been applied to the broadcast market to date and in the future.

Ken Sargent is Worldwide Director of Sales for Teranex, a provider of high quality high-definition tools to the broadcast and post production industry. Prior to joining Teranex, Ken worked on the networked news solution technology at Grass Valley Group, helped introduce the ASC Virtual Recorder, an early video server, at Leitch, Inc., and has worked in the film and video production industry in the Dallas and Los Angeles markets. Currently residing with his family in Denver, Ken is a graduate of Black Hills State University.

Managers' Dinner is at 5:30 PM at **Brass Pointe Food & Spirits**, 24234 Orchard Lake Road Farmington Hills, MI 48336. 248-476-1377

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Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
June 2005

Joint Meeting with Audio Engineering Society, Detroit Section

DATE: **Tuesday, June 14, 2005**

TIME: **7:00 PM (NOTE EARLIER TIME)**

LOCATION: **DLC Design**
47677 Avante Drive
Wixom, Michigan 48393
(Avante Drive is west off Beck Road between I-96 and West Road)
[Map](#)

SPEAKER: **Dr. Earl Geddes**
GedLee Associates

SUBJECT: **THE IMPORTANCE OF ROOM ACOUSTICS FOR HOME THEATRE**

Proper room design and loudspeaker design **MUST** go hand in hand if one expects truly premium performance. Current loudspeakers are not designed for use in small rooms of the kind that I propose and as such a new approach is used. This approach will be discussed, the new technologies that are required to make it work, and how it is implemented.

Limited seating is available for a demonstration of Earl's Home Theater which was almost completely rebuilt with virtually all new equipment. Listeners can then decide if Earl's concepts work in practice.

Dr. Geddes is the principal consultant for GedLee Associates. He has a rich background in Acoustics and Audio, and is an accomplished member of the Audio Engineering Society. He has published many papers for the AES and JASA over the years and currently holds over twenty patents.

Managers' Dinner is at 5:30 PM at **Leon's Food and Spirits**, 29710 S. Wixom Rd., Wixom 48393. (248) 926-5880. [Map](#)

Traffic note: Westbound I-96 traffic can exit at northbound Beck Road. Eastbound I-96 travelers should exit at Wixom Road, go north to West Road, then east on West Road, then south on Beck Road to Avante Drive. The Beck Road bridge over I-96 is closed for interchange construction.

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