

SMPTE Detroit Section, September 2010

This month we will meet for a dinner discussion on current topics. Is 3D going to take off or bomb? What about mobile DTV? Will the FCC's proposed whitespace rules adversely affect broadcasters? Importantly, what can we do together to offer current and relevant content at our monthly meetings? Information on the upcoming vote on substantial revisions to the SMPTE national organization's bylaws.

Join your fellow Section members, managers (old and new) and guests (always welcome) for a delicious meal and lively conversation.

Time: starting around 6pm at

Page's Food & Spirits
23621 Farmington Road
(1 block S. of Grand River)
Farmington MI
248-477-0099

Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
October 2010

DATE: Tuesday, October 19, 2010

TIME: 7:00 PM (see note below)

The Art Institute of Michigan
28125 Cabot Drive, Suite 120
Novi, MI 48377

Speaker: Bob Zeichner, Broadcast Sales Rep, Roscor Michigan

Subject: 3D/Stereoscopic imaging.

The business of 3-D production is complex and very different from traditional television. A successful end product requires much thought and preparation to capitalize on the effect without torturing your intended audience. This presentation is more of a synopsis of how 3-D works and the steps involved from capture to presentation with an emphasis on the acquisition aspects of the process. While we won't have equipment on which to demonstrate any of this, armed with a dry marker, Bob will attempt to illustrate some of the more important points while all of this remains fresh in his memory.

NOTE:

The Chef and Culinary Arts students at the Art Institute of Michigan have offered to prepare a pre-meeting buffet-style meal for us, starting at 6pm. They will be able to accommodate around fifteen people, so this will be first come-first served. RSVP not necessary but might be helpful.

Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
December 2010

-->> NOTE DATE AND TIME and RSVP information* <<--

DATE:

Wednesday, December 8, 2010

TIME:

6:00 PM (refreshments)

6:30 PM Presentation by speaker

LOCATION:

Sirius XM

27200 Haggerty Road

Suite B5

Farmington Hills, Michigan 48331

SPEAKER: William M. Ashe, Senior Engineer, Sirius XM Radio

SUBJECT: Comparison of 4G Systems and How they Relate to the
Automotive and Aerospace Industry

This month, we will meet jointly with IEEE Southeastern Michigan Chapter III. Thanks to Louis Johnson IV, a member of both SMPTE and IEEE, for his efforts in arranging this program.

This talk will be at a rather high engineering level, and Mr. Ashe has as yet not included much on video applications. We plan to develop a future meeting program with him that will discuss 4G with a video and multimedia twist. This meeting does provide an opportunity for SMPTE and IEEE members to meet, network and socialize.

*SMPTE Attendees please note:

Due to limited seating capacity, there will be room for about ten or so SMPTE guests. Those wishing to attend MUST RSVP to Louis Johnson IV <lou...@...net> before close of business day Tuesday Dec. 7.

Program abstract from IEEE SEM Chapter III meeting notice:

This is a period of great change for the telecommunications industry. The rise of smartphones and tablets have pushed the current 3G networks to their maximum. This has prompted the major cell phone carriers to move their 4G systems from R&D to deployment. This presentation will give an overview of the two competitors for 4G. WiMAX (IEEE 802.16m) is one of the 4G systems. WiMAX is being deployed by Clearwire and Sprint. The other 4G system is Long Term Evolution (LTE) from the 3GPP consortium. LTE is being implemented by AT&T and Verizon with deployment scheduled to begin in 2011-2012. In addition to the physical layer itself, 4G systems radically change how the remainder of the network also functions. So this presentation will also give a brief overview of those aspects as well.

Biography:

William Ashe received his BS in Physics from University of Michigan- Dearborn in 1991 and his MS from Texas A&M University - College Station in 1997. He developed optical, thermal, and RF testing methodologies for RF powered HID plasma lamps for rear projection monitors while at Compaq computers in Houston. Moving back home, he performed EMC testing at Chrysler, Eaton, and UL. He is now employed at Sirius XM Satellite Radio where he performs a wide array of RF testing on both automotive and consumer electronic products.

Society of Motion Picture and Television Engineers
Detroit Section Meeting Notice
April 2011

>> NOTE DATE, TIME and RSVP information* <<

DATE: Tuesday, April 19, 2011
TIME: 7:30 PM

JOINT MEETING WITH DETROIT SBE CHAPTER 82

LOCATION:
CBS Television Stations, WWJ-TV / WKBD
26905 W. 11 Mile Road
Southfield MI 48033
map- <http://goo.gl/jmzzS>

SPEAKER: Dave Benco, Rohde & Schwarz

SUBJECT: The ATSC Mobile DTV Standard

A "hot button" item at last week's NAB show, our April program features a discussion of the technology specified in the ATSC Mobile DTV Standard, adopted in October 2009. It defines the technical specifications for broadcasters to provide new services to mobile and handheld devices using their digital television (DTV) transmissions. These services are carried along with current DTV services without adverse impact on legacy receiving equipment. ATSC Mobile DTV was developed to support a variety of services including free (advertiser-supported) television and interactive services delivered in real-time, subscription-based TV, and file-based content download for playback at a later time. The standard can also be used for transmission of new data broadcasting services. The Open Mobile Video Coalition, a Mobile DTV advocacy organization, lists WJBK, WDIV, WTVS and WXYZ as local members.

Dave Benco is National Key Accounts Manager for R&S broadcast transmission products in the USA, and was active in the ATSC activities surrounding the development of the ATSC Mobile DTV Standard. He is a current member of the TSG/S4 and TSG/S5 groups within ATSC.

This meeting is open to all members and friends of both SBE and SMPTE and the area broadcasting community. Come and reconnect with long-time colleagues and friends! There is no admission charge.

Light refreshments will be served courtesy of Rohde & Schwarz.

Please also join us for pre-meeting dinner at-
Fishbones's Rhythm Cafe
29244 Northwestern Highway in Southfield (between Franklin and Inkster Roads)
starting at 5:45PM

There will be short business meetings for SBE and SMPTE before the meeting presentation. We'd like to see as many members as possible from both groups!

*Please RSVP to Jim Totten at jmt...@...com

Thanks to Jim Totten, SBE 82 and WWJ-TV/WKBD for program and venue arrangements, and to Rohde & Schwarz.