

# SBE 70 MINUTES

**Baseball Heritage Museum  
Colonial Marketplace  
530 Euclid Avenue, Cleveland**

**Gather at 7:00pm  
Meeting at 7:30pm**

**November 2011  
Vol. XIX Number 10**

## Meeting Details for November 8th

Hello all members and friends of SBE Chapter 70. BIG thanks go out to Frank Foti, & Leif Claesson of Omnia audio for the great surprise program last month. They really pulled out a good one in almost no time. Frank updated us on the SSB for FM technology and we got to hear Leif's groundbreaking Omnia 9 processor. Those of you who missed it will be trying to figure out 'how do they do that' when it hits the dial near you.

Our next meeting will be on Tuesday November 8<sup>th</sup> and we'll be back at the Baseball Heritage Museum and the Radio Broadcast Exhibit, located in the Colonial Marketplace at 530 Euclid Avenue (between Euclid and Prospect) in downtown Cleveland's Historic Gateway Neighborhood. Parking is all on street with Prospect usually being your best option. Thanks to Jim Davison for volunteering to host this time. Most of you know about the museum but if not here's what you can see. The Cleveland Radio Broadcast Exhibit takes you through decades of radio broadcasts. Along with a wide variety of memorabilia, there is a 1960s and '70s studio that demonstrates how the technology changed in radio over the years. There is also a vintage newsroom with working United Press International Teletype machine, and "The Buzzard" WMMS 101 FM display, a tribute to Cleveland's most recognized radio station. Plus much more.

Our program will be from Mike Love of McFadden sales on the new Shure microphone line. We'll have a VP89M shotgun available to demo to through headphones, the UR5 portable wireless receiver and VP68 (camera system with omni handheld interview capsule), and a UR5 and UR2/SM58 transmitter to demo with powered speaker. We will also see what Shure is up to with the mission critical top-of-the-line Axient wireless mic system. It promises to be a fun night so stop by at the usual times, gather around 7pm with our meeting to start at 7:30.

Blake Thompson CBNT, Director of Engineering  
WZIP-FM / Z-TV [www.wzip.fm](http://www.wzip.fm), SBE Chapter 70 Program Chair

## CHAIRMAN'S CHAT

by Ed Miller, CPBE

Every once in a while you need to make the extra effort to thank an individual or a number of individuals who stepped forward and saved your proverbial behind, once again. So is the case with showing our appreciation to Frank Foti of Telos Alliance for coming to the rescue by providing our chapter with not only a venue but two outstanding technical sessions to boot. Our previously scheduled location and program was unexpectedly canceled at the last minute. Our collective hats are off to you Frank and to Leif Claesson for helping out big-time!



For those who did not attend, you missed-out on two excellent programs. Frank's presentation shared proprietary data involving his most recent research and development of audio artifact suppression using SSB for FM transmission. Leif's portion explicated his brain-child development of the Omnia 9. What an accomplishment. As Leif puts it..."I intend to change how people define processing. You need to de-clip and uncompress, you need to encode the internet streams and uplink to standard servers, and of course the processor should handle FM (with RDS), AM, HD, HD2, HD3 and multiple streams all at the same time. The final clipper should use real-time fine-grained

**(Continued on page 2)**

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## (Chairman's Chat - continued from page 1)

psychoacoustics to mask distortion and should have built-in patching capabilities, monitoring and on-board instrumentation such as oscilloscope and spectrum analyzer." Well it does all that, and it sounds fantastic too! Great job Leif!

This up-coming November meeting will be our last for 2011. We will not meet in December, but we will renew our efforts to continue providing timely and stimulating meeting programs with the beginning of the new year. Efforts are now underway to meet at the TV8 studios early on in the new year. This will give the TV8 folks an opportunity to showcase their latest in master control and control/routing/IP technologies. Various other well-known and not so well-known venues are on the horizon as well. Please continue to support our local chapter with your meeting attendance. And do one better... bring a friend or two.

On the National front... **SBE awards named to honor Flanders, Wulliman, Battison** - The Society of Broadcast Engineers (SBE) has named two of its annual awards in honor of members who made significant contributions to the growth of the organization. The SBE announced on September 28 that, beginning in 2012, the SBE Broadcast Engineer of the Year Award will be named the Robert W. Flanders SBE Engineer of the Year Award. Also beginning in 2012, the SBE Educator of the Year Award will be named the James C. Wulliman SBE Educator of the Year Award.

The late Bob Flanders, who was director of engineering at WRTV-TV in Indianapolis for many years, was the fifth president of the SBE from 1971 to 1973. Flanders is credited with elevating the operations of the SBE to a more professional level, setting the stage for the society's future growth. He also was instrumental in establishing a management training program for broadcast engineers in the early 1960's that lives on today as the SBE Leadership Development Course.

Jim Wulliman retired from WTMJ-TV in Milwaukee 25 years ago as director of engineering. Wulliman, who served as SBE's sixth president from 1973 to 1975, was one of three members of the SBE credited with the creation of the SBE's certification program and guided the program through its first twenty years as its director and committee chairman. The program has become the preeminent engineering certification in the U.S broadcasting industry, with more than 5,000 individuals holding SBE certification.

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The SBE is very pleased to recognize these two prominent members by naming these important national awards in their honor. In April of this year, the society announced that the SBE Lifetime Achievement Award would be named the John H. Battison SBE Lifetime Achievement Award, in honor of the founder of the SBE. In the early 1960's, Battison worked for several years to create interest in a new organization devoted to the professional development of the broadcast engineer and the field of broadcast engineering. On April 5, 1964, the Society of Broadcast Engineers was born during a meeting at the annual convention of the National Association of Broadcasters in Chicago. What started with 100 members has grown to more than 5,000 members today, located in all 50 states and in more than 20 other countries.



**Gary Liebisch**  
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On behalf of the Chapter 70 Officers and Committee Chairmen we wish you and yours a very safe, productive and Happy Holiday Season. Stay well! See you next year!

Edward J. Miller, CPBE,  
SBE National Past-President, SBE Fellow,  
SBE Chapter 70 Chairman



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## *October Meeting at Telos*



## SBE 2012 Certification Exam Schedule



Exam Dates	Location	Application Deadline
February 3-13	Local Chapters	December 31, 2011
April 17	NAB Convention	March 23
June 1-11	Local Chapters	April 13
August 3-13	Local Chapters	June 1
November 2-12	Local Chapters	September 14

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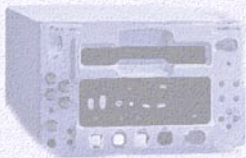
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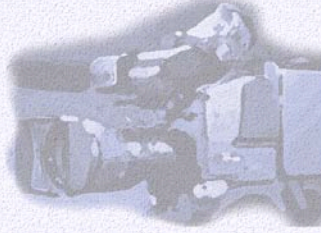
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Newsletter Editor: Bob Long, 88.9/WSTB-FM    330.422.2490    [bobloug889@gmail.com](mailto:bobloug889@gmail.com)