

# SBE CHAPTER 70 - CLEVELAND/AKRON

## SBE 70 MINUTES

Tuesday, December 13, 2022 at WAPS 91.3 The Summit  
309 Woolf Ave., Akron, Ohio 44312

Gather 6:30pm, Meeting 7pm, presentation to follow  
Presentation: The Physics of Microphones

by Steve Savanyu, Executive Producer, Buford T. Hedgehog Productions.

### December 13th Meeting Info

Our next meeting will be on Tuesday, December 13<sup>th</sup>, at WAPS, 91.3 'The Summit'...Akron Public Schools self funded radio station. Thanks in advance to Station GM Tommy Bruno, Cornilius Gould, and the WAPS Staff for hosting.

We have a special and much anticipated presentation in store for you by Steve Savanyu. Steve is known for his hands-on master class presentation, "The Physics of Microphones". This in-depth hands-on workshop covers the physics behind how microphones work and ways to apply them in studio, live sound, theatrical and film/video applications. Along with recording and broadcast schools nationwide, he has taught this workshop at AES (Audio Engineering Society), SBE (Society of Broadcast Engineers) and I.A.T.S.E. (International Alliance of Theatrical Stage Employees) local chapter events. While we don't expect this to be the full master class hands on presentation, I'm sure Steve will pack as much informative, fun and interesting content into his presentation for us as time allows.

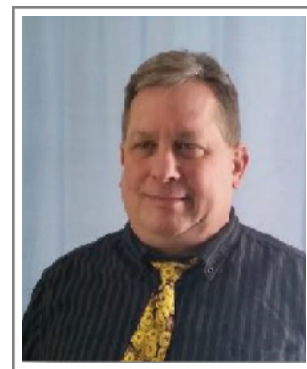
Gather at 6:30pm, meeting at 7PM with Steve's presentation immediately following.

For those of you joining in person we will most likely be treated to a tour of the the new WAPS facilities and also get to see a great presentation in person, not to mention the pizza (which should be kept away from the equipment and microphones, of course!)

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### CHAIRMAN'S CHAT

Happy holidays to all members and friends of SBE Chapter 70. First I want to thank Frank Foti for his presentation on the new Omnia Forza cloud audio processor, they are changing the game again. The control layout was simple, but intuitive and seemed to allow enough tweaking without letting you go off the rails. (Eastwind pun intended!)



In National news the SBE has a couple new surveys for you at [sbe.org](http://sbe.org). The Strategic Plan Survey for members to help with the direction of the SBE. The Education Committee is undertaking a Disability Survey. Spearheading the initiative is SBE Education Committee member Len Watson, CPBE. The goal is to help those members connect with opportunities or to help those who were forced to leave due to challenges.

SBE MemberPlus membership includes all the benefits of SBE membership and access to all the live and archived Webinars by SBE. Beginning January 1, 2023, the SBE MemberPlus benefit will add access to the complete library of SBE University courses as well.

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## CHAIRMAN'S CHAT (continued from Page 1)

The NAB and the SBE announced a joint memorandum of understanding with the Department of Defense to allow non-exclusive access to commercial spectrum at 2025-2110 MHz at 26 U.S. military sites. The bases were selected for their ability to provide streamlined access to spectrum used by broadcasters for electronic news gathering and other purposes. DoD activities at these bases will include test and training missions to assure readiness and enhance electromagnetic spectrum superiority.

I hope you can make the final meeting of 2022, it's always better in person.

Here's wishing you all a relaxing holiday with no late trouble calls.

Thanks,  
Blake E. Thompson CBNT  
BET Broadcast Engineering  
SBE Chapter 70 Chairman  
OAB/MAB/WVBA ABIP Inspector

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## MEETING INFO (continued from Page 1)

A zoom link is provided for you to alternately join us remotely, assuming we can correctly set that up to work for the entirety of the meeting and presentation. Best to plan to be there 'in person' if possible, otherwise you can check if the link is operational, although no guarantees for this one.

Note that WAPS is 'attached' to Ellett Community Learning Center High School. Parking is in the lot directly in front of the school and the entry to WAPS is on the right end of building (see the photos). The building(s) are situated behind a ball field, so use either Paxton Ave or Berne St from Woolf Ave to get to the parking lot in front of the building. There is also a long parking lot right off of Woolfe Ave that you may be able to cut through to get to the front of building lot. See page 3 for an aerial map and pictures of the entrance.

And, more information about Steve is on page 3 of this newsletter.

We hope to see you at The Summit!  
John Hovanec CSRE/CBNT DRB, AMD  
SBE Chapter 70 Program Chair

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## Steve M. Savanyu – The Physics of Microphones



To our viewers and listeners, audio quality is first and foremost. Nothing more affects psycho-acoustical perceived quality of a radio show, concert, video, film, recording or live event more than accurate and well defined sound. Most of us have a fair grasp of the basics of microphones and how to capture sound, but most of us recognize that if we're not the expert doing this every day in all sorts of settings, what we capture usually isn't the same quality as that captured by professionals - even though we use the same microphones and mixers. It's not an easy topic to address and there is a fair amount of nuance and complexity. One needs an instructor who is deeply experienced and can describe and explain this in terms broadcast engineers can best relate to, meaning a fair amount of physics and explanations of why things work the way they do.

Steve Savanyu has a penchant for clear and precise explanation of the most esoteric and technical aspects of transducer physics and technology. He is a working audio professional with over 50 years live sound, broadcast and recording experience. Currently the owner of Buford T. Hedgehog Productions, Steve is actively involved with local and national events. When not mixing sound, Steve writes for Front of House Magazine and his Step Up the Stream Livestream production setup was the cover feature in the May 2020 Issue. His previous experience includes teaching Audio for Video Production at Kent State University and over 20 years as Director of Educational Services and marketing manager for the installed sound, broadcast, and theatre segments at Audio-Technica U.S. Inc.

In the early 80's Steve worked as an International Project Engineer for KIDDE Automated Systems and travelled the world doing large audio installation projects including underground command centers, and military installations in the middle east. Buford T. Hedgehog productions supports this program and is providing microphones and equipment necessary to demonstrate and teach the subject of audio "miking" and mixing.

We have never met anyone - - who after seeing this program -- didn't leave with new tricks, a list of things they'll do differently in the future and a much deeper understanding of the art and science of capturing audio.



## WAPS Location Info



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## SBE 2023 Certification Exam Schedule



Exam Dates	Location	Application Deadline
February 3-13, 2023	Local Chapters	January 6, 2023
June 1-12, 2023	Local Chapters	April 21, 2023
August 4-14, 2023	Local Chapters	June 16, 2023
November 3-13, 2023	Local Chapters	September 8, 2023
February 3-13, 2023	Local Chapters	January 6, 2023

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## Topic: SBE Chapter 70 Meeting

Time: December 13, 2022 06:30 PM Eastern Time



### Join Zoom Meeting

<https://us06web.zoom.us/j/89553548365?pwd=QTNTeHd5SjBGeVN2b3p-TV3FZRkdjUT09>

Meeting ID: 895 5354 8365  
Passcode: 985626

Or dial:

1 929 436 2866

1 312 626 6799

Meeting ID: 895 5354 8365  
Passcode: 985626

## 2021-2022 Chapter 70 Officers

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