

**MEETING NOTICE - Sunday, September 15, 2 PM - 5 PM Arlington Heights Historical Society
Arlington Room, 110 W. Fremont
Arlington Heights, IL For directions go to:
<http://www.chicagoaudio.org/directions.htm>**

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**SEPTEMBER MEETING--ROBERT SCHULEIN
PRESENTING IMMERSAV—Binaural Audio with HD Video—A New
Entertainment Format Demonstrated with BLACK MOON AUDIO
(formerly Sonic Hemisphere) FIDELITY ONE LOUDSPEAKERS**

**NOTE: THIS PROMISES TO BE ONE OF OUR MOST UNIQUE MEETINGS-
-BE THERE THIS SUNDAY!**

For September we welcome Robert Schulein of RBS Consultants (<http://immersav.com/>) demonstrating his binaural recording technology with HD video. There will be demonstrations with both loudspeakers and headphones combined with HD video of the performance. For the speaker system we welcome back Dave Maletz from our April meeting. The company has now changed its name from Sonic Hemisphere to Black Moon Audio --

(www.blackmoonaudio.com). Anyone who was at the April meeting will recall the excellent sound from their monitor speaker. We will now feature the top end model--the Fidelity One. Black Moon Audio has 2 demo pairs of this model available to our members at more than 50% off (\$3200/pr) either in Mappa Burl or Rosewood finish.

Robert Schulein has been involved with the design, development, manufacturing, and marketing of electro-acoustical products for over 40 years including both Shure Brothers and Etymotic Research in design, development, and management prior to forming his own consulting firm. Bob has been granted 25 patents in the fields of acoustics and electro-acoustics and has 2 patents pending. Please review the following links for more information:

<http://immersav.com/>

<http://www.youtube.com/user/immersav>

Bob's description of the presentations is as follows:

In recognition of the abundance of entertainment audio and video being auditioned with earphones associated with smart phones, personal media players and computers, a case can be made for producing entertainment better optimized for such situations. Unlike traditional

audio recordings, often experienced with ones eyes closed, visual cues directly related to the audio are observed to heighten the spatial accuracy of the audio experience. An ability to provide such visual cues is also a part of today's entertainment devices.

Binaural audio with associated video has been shown to achieve this goal. The result can be a "You are There", surround audio and video experience. Common reactions to such productions evoke the "an immersive experience". Hence the name "ImmersAV", meaning to be immersed in an audio video experience.

So as to accommodate a variety of loudspeaker listening situations as well, a similar immersive result can be obtained by means of a filtering process called cross-talk cancellation. Such programs can be played over traditional 2-speaker stereo loudspeaker systems.

The focus of this talk is to present the elements of creating such productions from an artistic, and technical perspective. Of particular importance, are the production tools and the considerations given to the acoustic space, the music and the musicians. A variety of production examples will be presented using a variety of headphones and loudspeakers with accompanying high definition video.

Black Moon Audio will provide the following system as well as introducing their ultrasonic record cleaning service.

Black Moon Audio Fidelity One Loudspeakers

Black Moon Audio Synapse 180 (power distribution)

Mcintosh MC402 amplifier (last one ever made, custom for Les Paul before his death, came out of his recording studio)

Bent Audio custom (Passive autoformer) preamp wired in silver

Oppo digital BDP105

"AntiCable" Power cables & Speaker cables Reference level

Purist Audio design XLR's

Snake River Audio XLR's

Ultrasonic Record Cleaner Service

Professional Record Cleaning Service

Ultrasonic wet treatment for all 12" albums

*Have you ever heard the potential of your recordings?

* Unlock the dynamics and true recording contained on your new or vintage vinyl with our ultrasonic medical grade cleaner designed specifically for vinyl.

*Many noises and chemicals will affect your sound beyond the dust. Using ultrasonic waves at incredible frequency rate our unit will vaporize any in groove debris and contaminants; of course it does not create a miracle on a bad album or damage. But much noise can be eliminated even to silence in many cases.

*New records just opened are critical to treat with pure ultrasonic wash and conditioner as much as your vintage collectables. This is *NOT* a standard wet vacuum system or related procedure.

*Also, this ensures the life on your very delicate cartridge is extended as the cleaner the surface you play the less it wears your stylus.

*Put us to the test and bring your records for a live demo in our audio lab.

Cost per album \$ 1.50

Cost per album with new inner sleeve \$ 2.25 (premium anti-static slip sleeve)

Black Moon Audio

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This should be a great meeting--see you all Sunday!

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