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AES Audio Engineering Society - Pacific Northwest Section

Around the Puget Sound, Seattle, Washington, U.S.A.

April Meeting Notice Presented by **The Pacific Northwest Section** of **The Audio Engineering Society**

Whitespaces and RF Spectrum News and Shure's Digital Wireless Microphone Systems

Presented by
Van Browne — Brownstone LLC
Shoreline Community College, Room
818 (Music Building)
7:30pm, Thursday, May 17, 2012

[Directions to Shoreline CC](#)

The landscape for the part of the RF spectrum that we depend on for wireless microphones and in-ear monitoring systems is in a constant state of flux. Reserved channels, the national database(s) have begun to go live, and fixed and portable whitespace devices are starting to be deployed. Can you stay on top of this ever-changing landscape? Shure can and does, since it is their vested interest.

Digital wireless microphones are newcomers to the landscape, and Shure now has two such systems, ULX-D and PGX-D. Both of these use digital audio for transport, and ULX-D also offers networkable control and monitoring of the receivers in a system. PGX-D is aimed at musicians, especially guitar players, since its digital transport allows a compander-free signal path. If you haven't given digital wireless much thought, this would be a good time to receive an overview of the topic and to explore two current products.

The Axient product, Shure's flagship, uses analog transport, and digital control. A separate digital control link between receiver and transmitter allows the receiver unprecedented control over transmitter parameters, including seamless channel switching in the event of interference. Like ULX-D, the receivers are all networked, and can be controlled from a single computer.

Notice of Elections

It's that time again, and your section will conduct its yearly elections at the June meeting. Unlike the Presidential election, our elections are conducted with dignity and civility. There are no mud-wrestling matches, or other fetes of strength to sway your opinion.

That said, the following positions will elect this year:

- Chair
- Vice-Chair
- Secretary
- Treasurer
- Five even-numbered Committee seats.

The Chair and Vice-Chair elect from the Committee. Committee seats are open to any interested AES member (member, associate, or student). If you're not a member, don't let that stop you; you can join after you've been elected.

It's the Committee that makes the monthly meetings happen. Committee members are expected to produce at least one meeting per meeting-year. This means making a meeting out of your own or someone else's idea for a meeting. Other committee members handle the recording, photography, purchasing of refreshments, and the myriad other details that go into presenting a meeting. Our goal is to have a good time while doing this.

Our section's Mission Statement can be found at this [LINK](#).

If this is something that interests you, please contact the Chair, any officer, or anyone on the Committee by email. You can find their contact info [HERE](#).

Join us for an overview of these topics with Van Browne,
NW Regional Manufacturer's Representative for Shure Inc.

About Van Browne

Van was a professional musician and worked in radio and television broadcasting prior to joining Puget Sound Audio in 1978 after majoring in Music at PLU. He spent 14 years selling professional audio equipment there and at then at RMS Sound before becoming a manufacturers representative with Northshore Marketing in 1992. In 1999, he and Byron Stone started Brownstone LLC, now in its 13th year.

More Information

[Shure Website](#)

[ULX-D System](#)

[PGX-D System](#)

[Axient Wireless Management Network](#)

Dan Mortensen

AES PNW 2011-2012 Section Chair

n.b. *The material presented at our meetings is the opinion of the presenter and not necessarily that of the Society. You are encouraged to conduct your own research and to form your own opinions before adopting the presented material as Truth.*

Our meetings are open to anyone interested in Audio. AES membership is NOT required for you to attend our meetings.

2011-12 Officers

Chairman	Vice-Chairman	Secretary	Treasurer	
Dan Mortensen	Greg Mauser	Gary Louie	David Franzwa	Refer to the Officers and Committee contact list for contact information.

Program Committee

Committee 1	Committee 2	Committee 3	Committee 4	Committee 5	Committee 6	Committee 7	Committee 8	Committee 9	Committee 10
Bob Smith	Mark Rogers	Scott Mehrens	Steve Malott	Rob Baum	JJ Johnston	Rick Chinn	Dr. Ivan Tashev	Dr. Michael Matesky	Rick Senechal

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