

AES PNW Zoom chat 2021 May 17 - SMAART

18:02:07 From Larry Aamodt : aamola is Larry Aamodt. Linux doesn't seem to rename on screen
18:02:18 From SoundSuresh : Good Morning to all from India
18:02:44 From Dan Mortensen : Welcome, Soundsuresh!
18:03:00 From Marci Sang-olan : Good Morning here in Philippines!
18:03:19 From Dan Mortensen : Welcome, Marci!
18:03:23 From gg@aes.org Gary Gottlieb : Thank you Dan, and hello to everyone from Ukiah!
18:04:08 From Barbara Adams : You can spotlight the speakers so that is what everyone sees.
18:04:20 From Jayney Wallick : Hello to everyone from Jayney in Seattle!
18:04:32 From Drum Bum in the Sun : Hi all! This is Drum, and yes, that's my real name! Thanx for letting me in Dan ;-)
18:04:34 From Dan Mortensen : Hi Drum, Welcome! (FYI everyone, that's his real name)
18:05:34 From Mike Matesky : Hi Everyone! I see many truly outstanding audio folks are tuning in. Welcome!!
18:10:33 From Greg Dixon : Next meeting June 16, 6:00pm PDT w/ Immersion Networks
18:11:34 From Carlos Delgado : Hello All from North Seattle.
18:11:49 From Michael Lawrence : Hey Carlos! Good to see you
18:12:17 From Carlos Delgado : Hi Michael!
18:12:29 From Don Hartley, CTS : Hello from Las Vegas!
18:12:54 From Greg Dixon : Wow! So honored to have all of you with us!
18:14:20 From Greg Dixon : Reminder to all our attendees: please mute your video during the presentation today. We appreciate your help. Thank you!
18:19:54 From Juliet (she/her) : kwality, ha! I like that :D
18:20:15 From Juliet (she/her) : Hello from Los Angeles, btw!
18:20:28 From Ben Stiegler SF Bay Area : Kwaliti spelling, 2 be shure!
18:20:31 From Jess Berg : Hi Juliet!
18:20:37 From Juliet (she/her) : Hey Jess!!
18:20:48 From Steve Turnidge : Woot for Rane!
18:32:14 From John Chester : HP 3562a weight: 58 pounds
18:36:42 From Pete Soper : Hp 3582A was the engine in SIM 1
18:44:00 From Bill Gibson : Great event PNW AES! Super interesting and informative. Sorry I've been out of the loop for a while. There's a lot new going and I've been under the gun from a few directions. Excellenté! Kudos to you all!
18:44:55 From Greg Dixon : Hi Bill! Great to have you here!
18:48:40 From Bill Gibson : Hey Greg! I'm definitely going to have my Berklee students watch this.
18:49:32 From Greg Dixon : Fantastic!
18:49:37 From Katie Gray : I definitely want to hear about the welding machines
18:49:52 From Manuel Baez's iPhone : Fantastic
18:50:47 From Carlos Delgado : Mountlake Terrace, REPRESENT!
18:53:55 From Mike Matesky : There they are: the seven bad system dwarves!! :)

18:57:02 From Mike Matesky : My 2 cents...brilliant presentation
18:57:49 From Lawrence Schwedler : Question for Jamie: Please elaborate on the significance of SPL, especially in distinction to FFT/frequency.
18:58:38 From Katie Gray : Seems nice to me. Often in acoustics we separate the acoustic and audio measurements, but it would be awesome to have an all-in-one tool
19:01:47 From Barbara Adams : Thank you Jamie!
19:05:08 From Mike Goodreau Seattle : Does your current system incorporate control of other equipment such as equalizers?
19:10:29 From Katie Gray : Interesting, didn't realize Trane used smaart. I have to look at their sound data all the time
19:11:13 From Lawrence Schwedler : YES!!! Audio rules the universe :)
19:12:31 From Juliet (she/her) : How interesting! Welding and acoustics!
19:13:04 From Katie Gray : Think that's so cool. Very cool that the brain catches stuff like that - truly it's an amazing analyzer
19:13:22 From Joseph Walton : Is there a reason you don't publish the SMAART API publicly? As an individual can I get documentation? (loving the fact DI now works in powersofts armonia now)
19:13:37 From Mike Goodreau Seattle : Did you ever work with Owlsey?
19:14:45 From Jess Berg : @ Joseph: support@rationalacoustics.com
19:14:52 From Joseph Walton : thanks :)
19:15:08 From Manuel Baez's iPhone : We need more spl classes
19:17:37 From Ben Stiegler SF Bay Area : hey, I paid \$185 for mine 15 years ago!
19:17:39 From Mary Diaz : or phone apps...LoL.
19:18:47 From Kevin McCoy (he/him) : Cat content++
19:18:54 From Jess Berg : @Manuel - Michael is hopefully coming back to do an in-depth sesh on SPL! Agreed... :)
19:19:01 From Renzo Pangiarelli : The big Dave Rat
19:19:45 From Bob Lord : Dave does a terrific Zoom chat on all kinds of experiments every other week from his YouTube channel.
19:23:44 From Joseph Walton : Really glad I didn't pay the additional \$60 for the calibration files from rational acoustics then :)
19:24:04 From Katie Gray : I'm totally throwing one of my SLMs in the freezer for fun now
19:26:47 From Dan Mortensen : What's a foamie? If he said already, I've been looking at other things, so don't ask.
19:27:00 From Kevin McCoy (he/him) : Foam disposable earplugs
19:27:10 From Jess Berg : Foamie= Foam earplugs vs custom molds
19:27:13 From Greg Dixon : Was that done by putting the foam earplugs in a dummy head? Curious how that experiment was done. Apologies if it was previously explained.
19:27:16 From Dan Mortensen : Ah, thanks!
19:27:51 From Mike Logsin : how do you keep all these experiments organized to the point you're confident and not repeat them? any tips for not getting buried in the details or getting stuck in a rat hole? thanks!!
19:28:48 From Katie Gray : Guessing the dummy head is something similar to this fellow:
<https://www.bksv.com/en/transducers/simulators/head-and-torso>
19:28:54 From Ben Stiegler SF Bay Area : logbook - paper or Excel

19:30:49 From Katie Gray : We called ours Buster at our acoustics firm. He has mics in his ears
19:30:59 From Steve Turnidge : The earplugs were in his ears. He ran a tone through headphones, and measured when he turned the signal down enough to disappear. Lather rinse repeat.
19:34:11 From Dan Mortensen : Cool info about the Drive In concerts. Always wondered.
19:34:22 From Gary Louie : The Rane Notes he mentioned are at https://www.ranecommercial.com/legacy/library.html#gpml_2 but I don't know which one he referred to.
19:34:43 From Katie Gray : Huh, that's roughly the transmission loss data of a car.
19:34:50 From Douglas McKinnie : I endorse race notes and think everyone should read them.
19:35:14 From Douglas McKinnie : Rane notes is what I meant, not 'race'
19:35:39 From Jess Berg : Michael's website: <https://www.precisionaudioservices.com/>
19:36:26 From Katie Gray : Thanks, Jess
19:39:16 From Bob Lord : Pro Tools Expert did a similar test with similar results a couple years back.
19:40:46 From Steve Turnidge : Excellent presentation!
19:40:57 From Jess Berg : www.rationalacoustics.com/smaart/demo-smaart/

jamie@rationalacoustics.com
michael@rationalacoustics.com
support@rationalacoustics.com
training@rationalacoustics.com

Michael's website: <https://www.precisionaudioservices.com/>

19:41:18 From Barbara Adams : Thank you Michael!
19:41:47 From Douglas McKinnie : 🙌🙌🙌
19:42:47 From Lawrence Schwedler : Thank you, Michael, for the brilliant exposition of the philosophy of secular humanism :)
19:43:19 From Bill Gibson : Excellent presentation, Michael! Very cool!
19:44:17 From Don Hartley, CTS : Thank you for the great presentation!
19:44:25 From Katie Gray : Thank you both!
19:44:26 From Carlos Delgado : My Demo for Si2 expired, I uninstalled and downloaded a new trial with a secondary email address (just in case) but my laptop still said the trial had expired. Is there. Way to get one more go at a demo?
19:45:05 From Carlos Delgado : Is there a way to get one more go at a demo*
19:45:26 From Tom Stiles : RTA shaming is not cool.....
19:46:19 From Pablo Espinosa : Great examples Michael! I could not agree more that people love to talk and theorize rather than do measurements. You showed good experiment design skills. Good job!
19:48:14 From Katie Gray : Michael, what do you think about the conversation on lab vs field measurements? It constantly comes up in acoustics, and my issue is that I sometimes find lab measurements so

narrow that they don't apply to the real world. Though I certainly appreciate them as a reference material

19:48:55 From Katie Gray : Depends on when the train whistle happens too

19:50:14 From Katie Gray : I agree, hate rooftop environmental measurements

19:50:36 From Michael Lawrence : Great question, Katie, I'd love to talk about that in a bit.

19:51:19 From Katie Gray : Michael, when I worked in psychoacoustics, I came onto the same issue.

19:54:52 From Steve Wilkins : One of the social survey issues for judging negative psyc effects fo airport noise what to monitor briquette sales reasoning if folks are BBQing evenly across neighborhoods (no airport) then the noise is not an issue.

19:54:57 From Mary Diaz : I used an SPL meter to log and record the noise from a failing power distribution transformer from our warehouse which was louder than OSHA loudness and hearing fatigue. We presented to our landlord and they approved getting brand new power distribution transformer.

19:56:13 From Katie Gray : Nice! Good on you, Mary. Landlords can be really stubborn about that

19:56:19 From Juliet (she/her) : Wow, Good Job, Mary!

19:57:05 From Douglas McKinnie : 🙌🙌🙌

19:57:09 From Katie Gray : Thank you Wes!

19:57:19 From Wes Stark : Cheers, thanks!

19:57:58 From Bob Lord : AES!

19:58:35 From Bob Lord : AED (sorry)

20:01:49 From Katie Gray : Bob, do you have to do measurements afterhours?

20:03:04 From Katie Gray : Because of the factory noise, that is

20:04:07 From Matt Stearns : I work with Bob in this lab, so I can answer. No, we make measurements during business hours, but sometimes we need to be aware if there is something else in the building going on that raises the noise floor, or contaminates for instance the low frequency levels of a pink noise environment that we are generating...

20:04:24 From Katie Gray : Thanks for answering, Matt

20:04:30 From Jess Berg : Thanks Matt!

20:04:37 From Greg Dixon : yes, Matt. Great to have you here

20:04:45 From Matt Stearns : There is a vibration table downstairs of our lab, and sometimes it audibly shakes the lab with 40-50 Hz.

20:05:25 From jamie anderson : v6 Sucked - sorry

20:06:15 From Matt Stearns : We have a new license of v8 that I use now...

20:06:33 From Matt Stearns : And I believe the older lab computer still has v7

20:06:40 From Ben Stiegler SF Bay Area : thx for a great evening. This is hour #12 of Zoom today for me so ... heading out. Kudos!

20:06:59 From Jess Berg : Thanks Ben!

20:07:14 From jamie anderson : thanks

20:08:08 From Matt Stearns : With the double 18" Bag End subs, we are also responsible for shaking the building sometimes. :)

20:09:02 From jamie anderson : Bob - Really cool - a real blast from the past - are there any features from v5 you would like to see return?

20:12:46 From Sturzenbecher's : complex impedance!! :)

20:14:37 From Mary Diaz : thank you so much everyone was very well done. got a very early day tomorrow here on the East Coast.
20:14:51 From Jess Berg : Thanks Mary!
20:15:06 From Greg Dixon : thanks for joining us, Mary
20:15:13 From Don Hartley, CTS : Have a nice evening!
20:18:02 From Joseph Walton : Sorry to be another one disappearing, gone 4am is time to sleep. Thanks all!
20:29:50 From Manuel Baez's iPhone : I have a question for Jamie
20:34:33 From Mike Goodreau Seattle : Thanks to all of the presenters tonight. Very informative with some interesting examples.
20:35:43 From Matt Stearns : I love this story, I used Smaart exactly in this way for years, while mixing for live events. It's intuitive for me to see the frequencies that "hang out" too long...
20:36:22 From Tom Stiles : But if they have RTAs???
20:36:43 From Carlos Delgado : Interesting idea. Definitely writing that down.
20:39:17 From Jess Berg : www.rationalacoustics.com/smaart/demo-smaart/

jamie@rationalacoustics.com
michael@rationalacoustics.com
support@rationalacoustics.com
training@rationalacoustics.com

Michael's website: <https://www.precisionaudioservices.com/>

20:40:25 From Greg Dixon : that's such a great point. When checking phase you have to have a home base. I often like to use stereo room mics as my "home base" for a mix, but if they're not coincidentally placed then they can't be used as the home base to check phase.
20:43:58 From Drum Bum in the Sun : Thanx everyone, great presentations!
20:44:11 From Greg Dixon : Manuel, thanks for joining us. I lived in Texas for 8 years and am glad you could be here
20:44:19 From Bob Lord : Will you be restarting the in-person training at Pepperdine in Malibu at some point?
20:45:03 From Marci Sang-olan : waiting to get back
20:45:16 From Dan Mortensen : Thanks, Drum!
20:46:06 From Bill Gibson : 100% A+ great job all the way around. Many thanks! Very fun and helpful presentation.
20:46:35 From Douglas McKinnie : 🙌🙌🙌
20:46:46 From Pablo Espinosa : Thanks everyone!
20:46:54 From Greg Dixon : Thanks a lot Jess for the awesome moderation. Thank you Michael and Jamie!!
20:47:06 From David Streit : Great meeting! Thanks!!
20:47:06 From Matt Stearns : Thanks Jamie and Michael!!
20:47:17 From Mike Logsin : thanks!!! really insightful and motivating
20:47:22 From Reeve LONG : I gotta get back to work. Thanks yáll, it was a great presentation and sharing of experiences...
20:47:34 From Gary Louie To Dan Mortensen(private) : um, yer audio is a little fuzzy
20:47:52 From Gilad Otorgust : Thankf for the interesting presentation and great evening.

20:49:25 From Lawrence Schwedler : Thank you, Michael and Jamie, for an excellent presentation!

20:49:38 From Lawrence Schwedler : I have to go eat dinner! thanks, everyone!

20:49:43 From Michael Lawrence : Thanks everyone for joining us! have a great night

20:49:48 From Sunny Kil : Sorry! A Korean theatre sound designer in NYC. Theatre sound professor at SUNY New Paltz as well.

20:50:37 From Renzo Pangiarelli : yess

20:50:45 From Renzo Pangiarelli : thanks!

20:51:27 From Renzo Pangiarelli : from Argentina

20:52:34 From Marci Sang-olan : systems engineer for concert sound. Philippines

20:52:59 From Marci Sang-olan : Thanks Jaime.. it's 11:52am here

20:53:48 From Wes Stark : Congratulations Rick!

20:53:51 From Katie Gray : Congrats, Rick!

20:53:52 From Greg Dixon : that's awesome, Rick! <3

20:56:23 From Greg Dixon : welcome Stephanie!

20:56:29 From Steve Wilkins : Great session!! TO ALL

20:56:51 From Marci Sang-olan : Thanks AES-PNW and Rational Acoustics

20:57:16 From Marci Sang-olan : I'm also an AES member - Philippine Section

20:58:59 From Greg Dixon : welcome, Juliet! Great to see you again and glad you could join us!

20:59:07 From Michael Lawrence : Thanks everyone for having us! Have a great evening and hope to come back soon and spend some more time with you all.

21:00:13 From Gary Louie : AES-PNW archive page at <https://www.aes-media.org/sections/pnw/pnwrecaps/> and Sylvia was in August 2020

21:00:20 From Juliet (she/her) : Thank you so much, Greg! Glad to be here! Hello to Steve, too!

21:00:25 From Greg Dixon : love Little Feat

21:00:58 From masa : Sorry, I'm an IP staff helping audio engineers. I'm in Japan. I will retire my company in a few years, so I'm searching for something interesting now.

21:04:27 From Juliet (she/her) : Awesome, Greg! I'm sure I've heard their stuff. Will check them out!

21:05:00 From Ethan Carleton : Let me just do this

21:05:39 From Ethan Carleton : Nope just gonna chat!

21:07:44 From Ethan Carleton : Hey everyone. I've been doing theatre sound for about 6 years. Worked as FOH engineer and sound supervisor for a regional theatre in Long Island, NY. These days I live in Portland, OR, currently studying for a CTS cert and thinking about my next steps.

21:09:44 From Marci Sang-olan : Thanks everyone. have a great day/night

21:10:19 From Jess Berg : Thanks Marci!

21:10:30 From Greg Dixon : boa noite!

21:10:37 From Katie Gray : Have to head out early, folks. Thanks, it's been a great talk!

21:10:54 From Jess Berg : Thanks Katie!

21:11:01 From Renzo Pangiarelli : Thanks Katie

21:11:01 From Jayney Wallick : Thanks for making it Katie!

21:11:21 From Jess Berg : www.rationalacoustics.com/smaart/demo-smaart/

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michael@rationalacoustics.com
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<https://www.aes.org/sections/pnw/>

21:11:32 From Gary Louie : <https://www.aes.org/sections/pnw/>
21:12:10 From Greg Dixon : thanks for joining us Pablo. I love Brasil
and lived Porto Alegre as a young boy. Thanks for joining us.
21:12:13 From Wes Stark : Jess, you did a great job! Love your
energy.
21:12:17 From Renzo Pangiarelli : Thank Jess
21:12:39 From Jess Berg : Thanks Wes and Renzo!
21:14:02 From Pablo Serrano : Thanks for the warm welcome. Please
check my Linkedin <https://www.linkedin.com/in/pablogserrano/>
21:14:22 From Greg Dixon : Will do!
21:14:57 From Greg Dixon : nice setup
21:17:01 From Wes Stark : Thank you so much for having me. Stay safe!
21:18:13 From Gary Gottlieb gg@aes.org : Thank you, this was a great
presentation. PNW is always reliable.
21:18:26 From Greg Dixon : once again, next meeting will be June 16th
6PM PDT and I hope you'll all join us
21:18:45 From Jayney Wallick : Agreed Gary--great presentation and
meeting all around!
21:19:40 From Greg Dixon : that's pretty amazing. A mix in 15 min.
Steve- I think that also speaks to your level of experience. Excited to
learn more!
21:20:38 From Gary Louie : Check us at
<https://www.aes.org/sections/pnw/> for meeting info
21:20:50 From Carlos Delgado : Looking forward to checking it out.
Cheers all, Good night!
21:21:30 From SoundSuresh : Thanks
21:23:41 From James Patrick Hurley : Thank you everyone for the
wonderful conversations.