

## IMPORTANT PNW SECTION NOTICE

We are considering discontinuing sending US Postal Service notices of PNW Section activities. Our statistics show that meeting attendees overwhelmingly use the Web, Email notices, and word of mouth. However, many members have not come to any meetings or provided an Email address. We would like to hear from you if you feel this would **NOT** be acceptable to stop postal mailing of PNW activities. This would not affect any mailings from AES HQ such as the Journal. Please contact Section Secretary [Gary Louie](#) (see upper section) by mail or Email by the June PNW meeting.

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# Election Notice - June 2003

## Call for Volunteers

The election of next year's AES PNW Section officers will take place at the June meeting. A quorum of card-carrying AES members (15) must vote, or it will be done by mail. Write-in candidates may be submitted at the June meeting election. Any member in good standing can run for office. The section officers have the following [duties](#). It is through their efforts that meetings and other section activities are made possible. If you're interested in volunteering and serving, we need to hear from **YOU!**

The following [positions](#) are open for re-election:

- Chair
- Vice Chair
- Secretary
- Treasurer
- Committee (6 seats)

The current officers and committee members have nominated the following [persons](#):

Dave Tosti Lane - Chair  
Mark Rogers - Vice Chair  
Gary Louie - Secretary  
Dan Mortenson - Treasurer  
Daniel Casado - Committee  
Rick Chinn - Committee/Webmaster  
David Christensen - Committee

Bob Gudgel - Committee

Dr. Michael Matesky - Committee

Lee Silberkleit - Committee

The following member has self-nominated: Paul Colvin

We have added one seat to the Committee. At election time, we will count votes for the six committee seats. The first five winners will serve a two year term. The sixth winner will serve a one-year term because this seat will run for re-election in even-numbered years; i.e. every year five committee seats are up for election.

If you wish to be added to the ballot, please contact the section chair [Rick Chinn](#), or the Section Secretary, [Gary Louie](#) .

[Biographical sketches of the candidates.](#)

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# June Meeting Announcement

## Active Filters, EQs and Crossovers

Presented by Dennis Bohn

and

Rick Jeffs

Rane Corporation

Hosted by the PNW Section of the Audio Engineering  
Society

Wednesday, June 18, 2003, 7:30pm

## Rane Corporation

10802 47th Avenue West, Mukilteo

Would you know a Butterworth filter if you ran into it on the street? Is a Chebyshev filter something yuppies use for making coffee? Could you pick out Linkwitz-Riley in a police lineup? What is the difference in performance between a 12dB/octave highpass filter and dumping the last three sliders on your 1/3 octave graphic eq? Do accelerated slope tone controls get you there faster?

Active and passive filters play a pivotal role in all aspects of audio. Whether they're used as the highpass/low-cut filter on your mixing console, in the console's equalizer section, the graphic equalizer later on, or the highpass and lowpass filters in your sound system's crossover networks, the terminology is the same even if the application is different.

Join us on June 18 as we review filter terminology and applications in audio. Of course a little gear lust now and then never hurts so we'll also take a closer look at the Rane DEQ-60 Perfect-Q Graphic Equalizer.

[Directions](#)

## The Presenters

**Dennis Bohn** is a principal partner and Vice President of Research & Development at Rane Corporation. He holds BSEE and MSEE degrees from the University of California at Berkeley. Prior to Rane Corporation, he worked as Engineering Manager for Phase Linear Corporation. Before that, he was the Audio Application Engineer at National Semiconductor Corporation.

He has designed over 40 consumer and professional audio products and authored over 100 articles appearing in national and international magazines, including his many conference papers delivered before the Audio Engineering Society and articles in the *Journal of the Audio Engineering Society*.

Mr. Bohn is a Fellow of the AES, holds two U.S. patents, is listed in *Who's Who In America* and authored the entry on "Equalizers" for the McGraw-Hill *Encyclopedia of Science & Technology*, 7th edition.

**Rick Jeffs** is a senior design engineer at Rane Corporation. He studied electronics engineering technology at DeVry Institute in Phoenix Arizona. Prior to his present engineering position, he worked as a test and manufacturing engineer for Rane. Before that, he worked as an engineer at Carver Corporation, specializing in amplifier design and evaluation.

He has defined, designed and developed over 25 professional audio products and was responsible for instituting automated production testing and component commonality programs at Rane Corporation. He has authored several articles appearing in national and international magazines and presented a conference paper before the Audio Engineering Society on the use of worst case Monte Carlo analysis

for deriving production test limits.

Mr. Jeffs is a member of the AES and has three pending patent applications.

## Links

[Rane Website](#)

[Driving Directions](#)

[Biographical Sketches of the Candidates](#)

[Duties of the Section Officers](#)

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