

Summer 1993 Newsletter

June 1993 Meeting

Audio Analysis with SIM



Bob McCarthy of Meyer Sound Labs explains the Meyer SIM computer measurement system.
Photo by Rick Smargiassi

The Pacific Northwest Section spared no expense for its June meeting to bring Bob McCarthy, Director of SIM Engineering at Meyer Sound Laboratories to Seattle and explain Meyer SIM (source independent measurement) to over 25 members and guests.

Wiring and equipment set-up went on til the last minute in order to install a working demonstration set-up in the Jack Straw Productions studios. The big studio was the meeting room as usual, with several SVGA computer monitors set up around the room. The Jack Straw Archive down the hallway was commandeered as the "remote test room", with an amplifier, speaker and measurement microphones. This way, real measurements could be made during the lecture without disrupting the meeting itself.

Mr. McCarthy had his SIM hardware all set up in the meeting room, and went through his presentation with overhead transparencies and computer demonstrations. He explained the concept and advantages of the

continued on page 2

Inside

• **Time to Vote! PNW Section Officers 1993-94 Ballot**

• **April's Nearfield Monitor Fest**

Vote for Next Year's PNW Section Officers

The PNW Section Nominating Committee submits the enclosed slate of candidates for 1993 - 94. Chair, Vice-Chair, Secretary, Treasurer and three (at large) Committee members are to be elected. Three more Committee members will finish their 2-year terms.

- **For PNW Section Members Only**
- **Use the enclosed Insert-Ballot-Mailer**
 - **Mark ballot or write-in candidate**
- **Fold as indicated and mail before July 31**

Audio Pro '93 Show Announced in Seattle

A new professional audio tradeshow, seminar and workshop has been announced for September 25 and 26, 1993 at the Washington State Trade and Convention Center in Seattle. Featuring guest engineers Bruce Swedien and Bernie Grundman, Full Program Registration is \$395. Exhibits Only will be \$35. A discount for AES members may be in the works, but was not known at press time. Contact Bill Gibson at Audio Pro '93, 1911 SW Campus Dr, #378, Federal Way, WA 98023 (206) 874-2706.

Audio Engineer Position Available?

The PNW Section Newsletter is willing to publish announcements from companies with job openings that they feel would be of interest to the members of the AES. It should be remembered that this would be on a space available basis, and that the newsletter is not published regularly. There is, however, no charge. We are not accepting any other advertisements at this time, such as For Sale or Situation Wanted. Contact Section Secretary Gary Louie at 4522 Meridian Ave. N. #201, Seattle WA 98103 Phone (206) 543-1218

continued from page 1

Meyer's Source Independent Measurement

source independent measurement, which allows analysis during an ongoing performance. Comparisons to other analysis techniques, such as real-time analyzers and standard FFT analyzers, TEF, and others were made. The system is relatively expensive, hence, there are not too many such systems available. Computer demonstrations continued late into the evening.

Special thanks to PNW Committee member Dan Mortensen for making arrangements and providing extensive hardware support.



ABOVE: Examining the remote measurement mics.
Photos by Rick Smargiassi

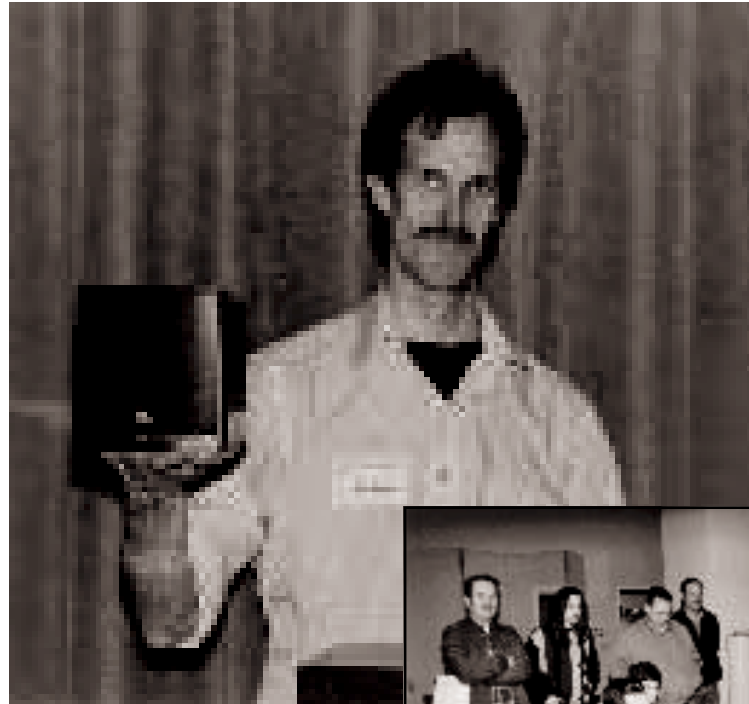


LEFT: Speakers used in SIM test situation were intentionally placed out of time alignment in a room acoustically aberrated by recorded audio media.

Near-Field Speakers Galore in April

The PNW Section held a slightly different kind of meeting for April - not a technical presentation, but lots of near-field monitor speakers. Section Vice-chair Van Browne organized an informal evening of near-field loudspeaker listening, held at the Jack Straw Productions studios. Over two dozen people came to take advantage of the opportunity.

Many of the most popular such speakers were gathered from local vendors, including JBL, Tannoy, Genelec, Yamaha and KRK. Rane provided amplifiers for the unpowered speakers. The speakers were all set up on a large table, and attendees could sit where they wished and play CDs of their choice. Any clear winners? You had to be there! Also, our thanks to Doug Haire of Jack Straw and committee member Tom Stiles for helping get this all together.



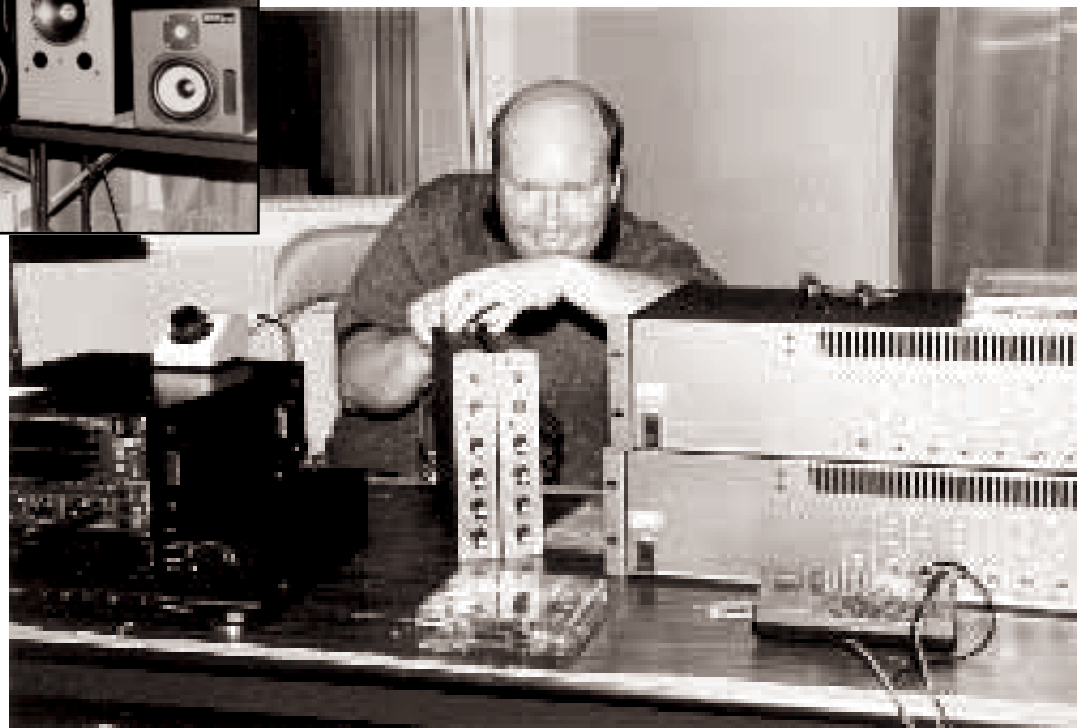
LEFT: Committee member Tom Stiles portrays human near-field speaker stand.



RIGHT: Listening groups were kept small to allow everyone to get close enough.



ABOVE: Table full of near-field monitors.



All photos by Rick Smargiassi

RIGHT: Vice-Chair Van Browne finishes last minute wiring

Chairman Al Swanson Location Recording 527-0318
 Vice-Chairman Van Browne Northshore Marketing 284-9699
 Acting Secretary Gary Louie UW School of Music 543-1218
 Treasurer Terry Denbrook KUOW 543-2710
 Committee Dan Mortensen Dansound 525-2113
 Committee Tom Stiles TS Audio 524-1389
 Committee Dane Butcher Symetrix 282-2555
 Committee Rick Chinn Symetrix 282-2555
 Committee Rick Smarglasi Seattle Center 684-7191
 Committee Greg Mackie Mackie Designs 800-258-6883

Pacific Northwest Section 1992-93 Officers and Committee Members

February 27-March 2, 1994 • 96th Convention, Amsterdam, The Netherlands

**October 7-10 • 95th Convention
 “Audio in the Age of Multimedia”
 Jacob K. Javits Convention Center, New York, New York, USA**

**August 24-28 • 4th Australian Regional Convention
 “Audio, The Spectrum”
 World Congress Centre, Melbourne, Australia**

AES Calen-



AUDIO engineering society, Inc.
 60 EAST 42nd STREET
 NEW YORK, NY 10017
 ADDRESS CORRECTION REQUESTED

**PNW SECTION
 NEWSLETTER**