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The Bulletin is on the Internet at
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*Join AES Toronto for an exciting
kick-off of the year...*

Yorkville Sound: The Tour

Date: Tuesday, September 23, 2003

Time: 7:30 pm

**Where: Yorkville Sound
550 Granite Court
Pickering, Ontario
Canada L1W 3Y8
Phone (905) 837-8481**

Yorkville Sound is opening its doors to the Toronto AES Society membership. Bill Woods and Todd Michaels will present a brief company overview followed by a factory tour.

In addition, there will be a demonstration of the new "Unity" horn technology which is featured in Yorkville's U15 loudspeaker system which is due for official release this fall... and a presentation by Tom Danley from **Sound Physics Lab** (the Servo drive people).



Directions to get there from Toronto: Take 401 to Pickering, turn right (south) onto Whites Road, and then right (west) on Granite Court.



Welcome to the first issue of the 2003/2004 volume of the Toronto AES Bulletin.

We are looking forward to another event filled year of providing presentations for the enthusiastic and committed members of the Toronto AES Section.

This section is one of the most active in the world. We hold at least 10 meetings each year, including new product profiles, technical presentations, convention reviews, tours of major broadcasting and entertainment venues and our annual day-long event. From a local membership of about 300 we average 50 attendees for our regular meetings and over 100 for our day-long events.

We send the Toronto Section Bulletin to all AES members in the Toronto area during the active season (September through June). These include previews of upcoming events, review of past events, and articles of general interest. This year, we are focusing on expanding both the reach and influence of the Bulletin, in an effort to reach everyone who could benefit from the rich array of meeting topics we are currently organizing, and to promote the activities of the Audio Engineering Society as a whole.

Throughout the year, the AES provides its members and guests opportunities to meet and exchange ideas with many of the world's most respected audio professionals... people who otherwise would only be known to us through their published works, recordings or gear... allowing us to be infected by their drive and enthusiasm to excel in their own fields.

We are again offering a blend of technical and practical meetings that will hopefully appeal to the diversity of our membership. And we are as always expanding our goals, and hope to attract more new members to the Toronto section.

All that we require from you is your continuing support and constructive feedback... and to pass along word of what we are doing to your friends who may benefit from what we do!

Earl McCluskie, Editor

The Toronto AES Section Bulletin is published ten times yearly by the Audio Engineering Society Toronto Section. Submissions are welcome. Please e-mail to Earl McCluskie at earlm@chestnuthallmusic.com. Articles may be reprinted with the author's permission. Space is available for AES related companies and individuals wishing to address our members. For advertising rates, e-mail TorontoAES@vex.net.

About the Yorkville Sound presenters...

Bill Woods

Bill Woods has been active in audio for 30 Years. He has run his own company "Loudspeaker Group" and freelanced for numerous clients. For the past 13 years he has worked at Yorkville on all areas of loudspeaker design.

In another life he was an industrial designer and toolmaker, which paved the way for loudspeaker and horn prototype development. He now lives in rural Ontario with one wife, three dogs, and way too many free space load Bass Horns.

Todd Michael

Todd Michael has been working and designing loudspeakers for Yorkville Sound for over eight years. Previous to working at Yorkville, Todd worked at Adamson Acoustics for 5 years building high performance, hand made drive units.

Todd just finished designing the new U15 speaker cabinet which utilizes Tom Danley's patented Unity Horn Technology. When he isn't playing with speakers he can be found designing and building fine furniture in his home shop or teaching snowboarding at the local ski hills.

Thomas Danley

Thomas Danley is an inventor who has worked in the field of electronics and acoustics for the past 30 years and in the process has originated 18 patents in the areas of electromagnetic levitation, acoustic levitation and loud speaker transducer design. Tom has been fascinated with loudspeakers and music since the age of 9, but started his professional "speaker life" after high school, joining a friend at a small loud speaker company. Two years and a number of jobs later, Tom developed the Servodrive loudspeaker and formed a speaker division within the parent company, Intersonics, Inc., a NASA flight hardware contractor. He has designed and built key components of containerless-processing experiments for several space shuttle and sounding rocket flights. Tom is the inventor of the Servodrive and Rotary Vein woofer (Phoenix Gold Cyclone) transducers and most recently the Unity Summation Aperture horn design.

He has been invited to speak for organizations including the AES and ASA, and appeared in the movie "Mystery of the Sphinx" where he demonstrated acoustic levitation. Tom will soon appear in another film, conducting acoustic measurements in the Great Pyramid of Egypt. He is the Director of R&D and general troublemaker at Sound Physics Labs, Inc.

Yorkville Sound

All Yorkville Sound products are manufactured in their state-of-the-art factory located just outside of Toronto, Canada. Built during late 1992 (occupied during March'93), the facility has excellent connections to all major modes of transportation. The custom designed building with 22 foot ceilings is set on a 6 acre lot. Recent expansions (late '98) saw the addition of thirty thousand additional square feet of space bringing the total to more than 100,000 square feet.

With more than thirty years of experience under their belt, Yorkville Sound has learned better ways to do just about every element of production. As a result, almost every aspect of the production is done under one roof. This includes product design, wood work, metal work, circuit board production, component insertion, screening (board and chassis), painting (chassis and speaker boxes), vacuum form horn moulding, testing, assembly, packing, distribution and more.

Presenting the 2003/2004 Toronto AES Executive

Jim Cox, Chair

Jim Cox has a B.S. in film and an M.B.A. in arts and media management, and attended the Summer Institute of Advanced Recording at Eastman School of Music. He has just retired from Sheridan College after 32 years of teaching film and audio, and is pursuing opportunities in production management and services, consulting, and training in the media industries.

Paul Reibling, Treasurer

Paul Reibling is a technical service, design and CAD operator for Tannoy North America, as well as owner of Reibling Audio & Design Services, which provides computer design and system analysis for audio systems, using AutoCAD, CADP2, MLSSA, LMS, Akabak for design & testing.

He has been in the music business since 1964, first as a musician - played bass for the Copperpenny until 1969 - and ultimately gravitating to the technical side of things while still playing in a semi-pro capacity. He now operates FOH for some local bands - Eddie & the Edsels and The Black Forest Band.

Mike Borlace, Membership

Mike Borlace, Membership Secretary, has been involved in AES for the last 4 years as well as other organizations such as CICA and the MCA/ITVA.

A graduate of Concordia University in Montreal, Mike has been involved in production work in Corporate Video, Television and Film for the last 24 years as Audio Visual Producer, Video Soundman and Film Sound Recordist. Living in Toronto for the last 5 years with his cat, he often commutes to the country on weekends to visit his sister.

Earl McCluskie, Bulletin Editor

Earl McCluskie holds a Bachelor of Music degree from the University of Western Ontario and owns and manages Chestnut Hall Music, a music production company that represents independent artists as producer, manager and concert promoter.

He is a past chairman of the AES Toronto Section, and has worked in audio post-production with the CBC, was production manager and technical director for concert and conference productions at Stratford Summer Music and Wilfrid Laurier University, taught sound recording production at the Ontario Institute of Audio Recording Technology (OIART) and the State University of New York (SUNY at Fredonia), and attended the Banff Centre for the Arts as an Audio Associate. He has free-lanced for Sony Music, CBC Brave New Waves and Two New Hours, National Public Radio in the U.S., and with Access Radio in Alberta.

Jeff Bamford, Committee Member

Jeff Bamford graduated from the University of Waterloo with a M.Sc. in Physics and is a project manager with Engineering Harmonics, working on a number of major government projects in their Multimedia division, including a current leading role in the design of new state-of-the-art committee rooms for the House of Commons.

He is also a lead in Acoustics and a systems designer, and has created acoustical simulation models for many Engineering Harmonics projects.

Peter Cook, Committee Member, Webmaster

Peter Cook has been Music Editor and CD Pre-Mastering Engineer for CBC Records in Toronto since 1991. He teaches in the Graduate Program in Sound Recording at McGill University in Montreal and is Guest Faculty at The Banff Centre For The Arts, Music & Sound Program. He has credits on twelve Juno Award winning CD's, as well as on over 150 recordings with labels such as CBC Records, Deutsche Gramophon, EMI, CentreDiscs, and McGill Records.

He is a Past Chairman of the Toronto and McGill University Sections of the Audio Engineering Society. He holds Bachelor of Music (1984) and Masters of Music in Sound Recording (1991) degrees from McGill University.

Dan Mombourquette, Committee Member

Dan Mombourquette is owner and president of DM Services. He has promoted, provided music services and handled personal management and bookings for bands and events such as Major Hoople's Boarding House, the Bara MacNeils, Michael Burgess, the Elora Festival, the Fergus Scottish Festival, and Mission Fest at the Toronto Convention Centre.

He is involved in providing sound system design, manufacturing and installation in the Waterloo region, and is an active member of the Toronto section of the Audio Engineering Society as a committee member, and as past chairman.

Rob Stevens, Committee Member

Rob Stevens, BAsC, MASc, Peng, is a graduate of Mechanical Engineering from the University of Waterloo.

He has conducted research into low frequency noise control, has developed applications for acoustical numerical methods to solve a variety of noise problems and is expert in the use of sound intensity measurements to accurately determine radiated sound power, with areas of specialization in Industrial Noise & Vibration, Acoustical Engineering, and Research and Development.

Bios for Garrick Filewod and Mark Koecher in next issue.