

Toronto, Canada (professional section)

The Toronto section is pleased to report our membership is up to 295 members from 215 this year under the guidance of Chair Earl McCluskie. Toronto boasts a strong, resourceful executive with ambitious ideas and the initiative to execute them.

We started this session in September at **Phase One Studios**, with a meeting featuring acoustician **Martin Pilchner** discussing acoustic upgrades and retrofits to the studio, followed by a social time and studio walkaround later. As well, engineer **Jeff Wolpert** discussed surround microphone techniques for scoring. October's meeting featured audiologist **Marshall Chaisin's** presentation on "The Weird Ear", where he discussed the latest research on how the human ear works, including otoacoustic emissions. November featured the first of Toronto AES' two day-long meetings, at Ryerson University in Toronto. The event was well attended, featuring lively discussion on education and recording techniques. The December meeting and social featured the University of Waterloo's **John Vanderkooy** and PSB founder **Paul Barton's** presentations on speaker design.

January featured **Andrew Hope** of Gerr Audio speaking on the design and application of line arrays in live sound. February saw a packed house at Ryerson's Eaton Theatre for **Bob Ludwig** of Gateway Mastering, sharing mastering tips and giving a virtual tour of his studio and gear. In March, we toured Gennum Corp in Burlington where **Keith Gordon**, the Toronto executive's newly created Marketing Director, talked about in ear monitor technology. A factory tour followed. This was the Toronto section's first Webcast meeting.

April saw a massive undertaking, the day long **Surround Sound Interactive Symposium** which featured topics as diverse as microphone technology, encoding, playback systems, recording and mixing techniques, and sound for video games, a wildly successful day. Presenters and their topics are listed below.

Presenter	Affiliation	Presentation
Jim Anderson	Jim Anderson Sound	"The Flying Song" - A Practical Approach to Stereo/Surround Recording
Steve Armstrong	Gennum Corporation	Binaural and Spatial Processing: How We Hear Surround Audio
John Bailey	Carouse Music Productions	5.1 Music on a Canadian Budget
Jeff Bamford	Engineering Harmonics	Soundfield Recording and 5.1 Surround
Paul Barton	PSB Loudspeakers	Home Listening: Undoing what the Studio Does
Jeff Berryman	Jasonaudio	Surround Sound and Live Concert Production
David Chan	Giant Sandbox Productions	Surround Sound Design for Video Games

Martha de Francisco	Philips Records	Surround Sound in Classical Music
Greg DeClute	CBC Radio Drama	Demonstration: Radio Drama in Surround Sound
John Eargle	Delos Records	Surround Sound Microphone Techniques
Charlie Fox	University of Regina	"Wild Surround" - Field Recording in Surround with 5.1
Michael Godfrey	Holophone	Design Considerations of a Surround Sound Microphone Application
Ken Hunold	Dolby Laboratories Inc.	Applications for Surround Sound Production
Roman Klun	Innsbruck Records	Demonstration: Gino Vanelli in Surround Sound
Cory Mandel	Technicolor Creative Services	Multi-channel Format Audio for Film & TV Post Production
Doug McClement	Livewire	Remote Juno 5.1 Broadcast
Peter Moore	GPS	Generating Perfect Surround
Neil Muncy	Neil Muncy Associates	Television Surround Sound De-mystified: Having Fun With the Toys
Mike Nunan	CTV Specialty Television	A Case Study in 5.1 Production for HDTV: The 2005 Juno Awards on CTV
Bob Snelgrove	Gerr Audio	Soundfield Recording and 5.1 Surround