



AUDIO ENGINEERING SOCIETY BULLETIN

Meeting: Monday, June 23rd, 2003 - 7.30PM

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TORONTO SECTION
THE AUDIO ENGINEERING SOCIETY
PRESENTS...

THE CARLU THEATRE PRESERVING TORONTO'S HOMAGE TO ART MODERNE

Date: Monday, June 23, 2003 - 7:30 pm

Place: College Park

Address: 444 Yonge St, 7th Floor
(Corner of Yonge and College)

Congregate in the Foyer on the 7th floor

Take the entrance off of Yonge St. and look for the
elevator to the Carlu Theatre (street level).

Due to the social nature of this evenings meeting, there
will be no pre-meeting dinner

What's Inside:

Preview: June '03 - The Carlu Theatre

What's Up!

PLEASE POST - MEMBERS AND GUESTS WELCOME

THE CARLU THEATRE

PRESERVING TORONTO'S HOMAGE TO ART MODERNE

Join us for an evening reliving Toronto's elegant past made famous by the likes of pianist, Glenn Gould. The good folks at HGC Engineering will take us through the restoration process of Eaton's Carlu Theatre on the 7th floor of College Park, followed by the musings of Lorne Tulk, retired CBC Radio technician and long time friend of Mr. Gould's, followed by the end of year social.

Bill Gastmeier of HGC Engineering will discuss the acoustical considerations and challenges they faced in re-opening the Carlu and some of their very creative solutions.

Since the theatre's inception, apartments existed which share a common structural wall with the theatre. The building owner, Great West Life retained HGC Engineering to study the problem. The initial task was to determine how much sound isolation would be practically and feasibly achieved between the theatre and the apartments, and what sort of events could be hosted in the theatre without causing undue disturbance to the residents. To this end HGC Engineering visited a variety of musical venues to measure typical sound levels produced by different types of musical events (from rock to pop, to classical). They also took sound transmission measurements between the theatre and the tenant office space below by bringing a full concert P.A. system into the theatre and measuring the output in the theatre and the surrounding spaces. With this, an optimal balance was determined between the degree of sound isolation and guidelines were established regarding the types of events that could be hosted in the space (e.g., 'House of Blues' style concerts were deemed to be impractical to isolate). The isolation measurements included an upgraded demising wall with an intervening vestibule and sound rated doors, as well as a floating floor for isolation to the space below.

HGC also did a floor analysis in anticipation of dance events and noise control design for the upgraded mechanical and electrical systems serving the theatre. Regarding interior acoustics, the goal was to preserve the existing acoustical characteristics as much as possible. The most significant change in this regard was the removal of the fixed seats to accommodate a wider variety of events within the space.

After the presentation by HGC, CBC Radio Technician (retired) Lorne Tulk will give a brief talk in which he reminisces about recording Glenn Gould at the Eaton Auditorium. He will also play some excerpts

from a film of a Gould recording session in which we see the hall prior to its renovation.

BIO - Lorne Tulk

Lorne Tulk began working at a very tender age in his father's recording studio. Since then he has been involved with entertainment for five decades, working in theatre, film, and television, but mostly in radio broadcasting. Thirty-eight of those years were spent with the technical department at CBC Radio in Toronto. His career has taken him from cheap rooming houses to encounters with royalty; from the hallowed halls of academia to the highly charged world of news and current affairs and into the world of drama; from the excitement of sports, to the depths of the ocean (where he once had an assignment on a British nuclear submarine). He has worked with some of the most outstanding people of this century, brushing shoulders with composers, musicians, poets, scientists and politicians. Tulk also served in a supervisory capacity, with CBC's Operations Department, for several years. After retiring in 1996, he became interested in digital audio.

A large percentage of Tulk's time was spent mixing documentaries for the CBC Radio program, "Ideas". It was here that he re-established his relationship with Glenn Gould whom he'd originally met in 1950. Lorne collaborated on many of Glenn's radio documentaries and films and worked on many of Glenn's international recordings, particularly with Columbia Record's Masterworks division (New York). Lorne and Glenn developed a very strong and deep personal friendship which lasted until the pianist's death in 1982.

Lorne and his wife Melva live in Toronto. They have two children, a daughter Lynn, a son Dana, along with three grandchildren.

BIO: Bill Gastmeier, BSc, MAsC, PEng

Mr. Gastmeier completed his undergraduate studies in Physics (1974) and obtained a graduate degree in Electrical Engineering (1976) from the University of Waterloo. The last twelve years have been spent as a licensed Acoustical Consulting Engineer, presently as a principal of HGC Engineering. His experience includes the specification of acoustical measures for many commercial, residential and institutional developments. Projects of note include Bell Northern Research Lab 5 in Ottawa, the CBC Broadcast Centre in Toronto, the Collins &

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All submissions are welcome!

Please e-mail them to Anne Reynolds at <a.reynolds@sympatico.ca>

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Aikman acoustical test facility in Detroit, the Canadian Museum of Contemporary Photography in Ottawa, the CIBC Data Centre in Mississauga, and many worship spaces throughout southern Ontario. For ten years he has been an adjunct professor at the University of Waterloo teaching a course in acoustics, noise and vibration control and he lectures in these subjects at Dalhousie University in Halifax.

THE HISTORY - The Carlu Theatre

The Carlu, with its extraordinary wealth of historical and architectural significance, embodies the collective memory of style and elegance that graced Toronto. It offers Toronto the opportunity to once again experience historical heritage. Originally intended to be a 36-storey office tower and retail complex, the 1930 Eaton's flagship store, built by Sir John Craig Eaton, fell well short of its intended grandeur due to the depressed economy that befell much of North America.

Eaton, the third descendant of retail patriarch, Timothy E. Eaton christened the new structure Eaton's College Park, a title he successfully fought to preserve when the City of Toronto changed Carlton Street to College Street east of Yonge. Despite the drastic reduction of floors, Eaton's College Park prospered due in large part to the opening of its impeccably designed entertainment complex. Interestingly, it is believed to be one of the first models of a concert hall incorporated into a retail shopping centre.

Designed by famed French Architect, Jacques Carlu, the 7th floor is believed to be one of the world's best surviving examples of the Art Moderne Period. Eaton's College Park boasted some of the most modern and luxurious materials such as Tyndall stone from Eaton's own quarries near Garrison, Manitoba, limestone and granite. The Concert Hall, which was known for having the finest acoustics in North America, played host to such notable performers as Billie Holiday and Duke Ellington.

The Round Room, the inspiration for the Rockefeller Centre's Rainbow Room (designed by Carlu several years after the Round Room's opening), features an original Lalique fountain designed by Carlu. The surrounding mural was painted by Carlu's wife Natacha, a famous Parisian artist of that era. Closed in the late seventies, the seventh floor (as it was then known), the Concert Hall and Round Room were saved from the wrecking ball by citizens' groups and a Provincial court order. Today, entrepreneurs Jeff Roick and Mark Robert have embarked on one of the most ambitious and historically significant restoration projects of its kind. The Carlu, newly named after its famed architect, has been restored to exactly what Lady Eaton had envisioned when she opened it more than 70 years ago.

WHAT'S UP!

IMPORTANT NOTICE FROM YOUR TORONTO SECTION!

The Toronto Section Goes Green!!!!

The Toronto Section began sending your meeting notice via e-mail in February. If you did not receive an e-mail from the Toronto Section please send an e-mail with your name and e-mail address to: <TorontoAES@vex.net>. If you do not have access to e-mail please call: Anne Reynolds at (416) 467-1901 and leave your name,

membership # and phone # or approach anyone on the Executive at the next meeting. As of this month we will only be mailing meeting notices to those member who we do not have e-mail address for.

AES TORONTO SECTION ANNUAL ELECTIONS

Nominations are now being accepted for positions on the 2003-2004 AES Toronto Section Executive Committee. All interested parties are asked to make themselves known to one of this year's Executive at our next Section Meeting or by e-mail to <TorontoAES@vex.net>. Join the team and contribute to North America's 3rd most active Section

HELP WANTED!

The Executive Committee needs your feedback! If you have any thoughts or comments on how you think we are doing, meeting suggestions you would like to see, we encourage you to e-mail your comments to <TorontoAES@vex.net>.

WHAT'S NEW WITH YOU?

Looking to fill a position, looking for a job, new or used products to sell or promote, company news to impart? Drop a line to our e-mail address attention Anne Reynolds. Remember, members can advertise in our classified section for free. Please see our Rate Card for details.

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By Michael Borlace, Committee Member

SEEKING SUMMER INTERNSHIP

Arts & Media MBA student with extensive live and recorded music background is seeking an internship with a firm in the audio/video industry. Having completed the first year of an MBA, I bring a diverse range of skills in business and audio areas. If you have a potential need for some assistance in your business please contact AES member Keith Gordon at (416) 650-3818 or bgordon02@schulich.yorku.ca



See You In September!!