

CAA 2001 CONFERENCE SUMMARY / Compte-rendu de la Conférence de l'ACA 2001

Dalila Giusti, Conference Chair/ Présidente de la Conférence

Jade Acoustics

203-545 N. Rivermede Road, Concord, ON L4K 4H1

jade_acoustics@compuserve.com

By now the CAA 2001 Conference is a distant memory for most people. We hope that it is a pleasant memory for all who attended. For me, the organizing and execution of the Conference was both challenging and rewarding.

The Conference was held at the beautiful Nottawasaga



The 2001 Annual General Meeting

Executive - (l to r) Trevor Nightingale, John Bradley and Dalila Giusti

Inn, in Alliston, Ontario. The format chosen for this Conference was different from other conferences in that daily registration was offered in addition to the full 3 day conference registration. This was done to encourage the local CAA members to attend. This proved to be successful. A large number of members and student members attended and participated in the Conference. In addition to attending the Conference many of the students were active in acoustics throughout the year as is evidenced by the fact that most of the available CAA prizes were awarded this year. We wish to congratulate all prize recipients.

The 2001 Conference was interesting and diverse with over 80 papers and discussion sessions. The plenary speak-

La Conférence de l'ACA 2001 est à présent un souvenir lointain pour la plupart d'entre vous. Nous espérons qu'il est agréable à tous ceux qui y ont assisté. Pour ma part, l'organisation et le bon déroulement de la conférence ont représenté un défi ainsi qu'une expérience gratifiante.

La conférence s'est tenue dans le cadre magnifique de l'auberge Nottawasaga en Alliston, Ontario. Cette année, en plus de l'inscription complète, nous proposons une inscrip-



The Exhibit Hall

ers, Dr. Blake Papsin and Mr. Bill McMurray presented discussions that were both riveting and informative.

Ms. Atarah Ben-Tovim provided the entertainment at our banquet. She and Mr. Bill Gastmeier (accompanist) had the CAA delegates dancing, singing, playing musical instruments and laughing. A special thank you to our surprise entertainer, "Elvis" (better known as Mr. John Swallow) for his beautiful singing. The banquet was truly a night to remember.

We were fortunate to have many sponsors for the coffee breaks, wine for the banquet and tote bags. In addition we had 23 exhibitors. All this was accomplished through the hard work of the organizing committee.

I have enjoyed meeting the challenges presented to us in the course of my duties as the Conference Chair. By all accounts the 2001 CAA Conference was a success. Thank you to all the people who were involved in putting this Conference together, to all the people who assisted at the Conference and especially to those who attended and participated in the Conference. We look forward to the 2002 CAA Conference in Charlottetown, PEI!

tion à la journée afin d'encourager la venue des membres de l'ACA de la région de Toronto. Ce fut un véritable succès. Un nombre important de membres et d'étudiants ont assisté et participé. De plus, la plupart des prix de l'ACA ont été attribués cette année, ce qui témoigne du dynamisme des étudiants dans le domaine de l'acoustique. Nous tenons ici à féliciter tous les lauréats.

La Conférence 2001 a été intéressante et variée avec

plus de 80 contributions et discussions. Les lectures plénierées présentées par le Dr Blake Papsin et M. Bill Mc Murray ont été attrayantes et instructives.

Mlle Atarah Ben-Tovim nous a amusé pendant le banquet. Accompagnée par M. Bill Gastmesiter, elle a fait danser, chanter, rire et jouer sur des instruments de musique tous les convives. Nos remerciements vont particulièrement à notre humoriste surprise, "Elvis" (plus connu sous le nom de John Swallow) pour sa merveilleuse maîtrise du chant. La soirée du banquet a vraiment été un moment inoubliable.



Technical Session

Nous avons eu la chance que de nombreux commanditaires se manifestent pour les pauses-café, le vin du banquet et les fourre-tout. Il y'a eu de plus 23 exposants. Ces résultats ont été possibles grâce à la persévérance du comité organisateur.

Au cours de mes fonctions de Présidente de la Conférence, c'est avec plaisir que j'ai relevé les défis qui se sont présentés à nous. A tout point de vue, l'édition 2001 de la Semaine d'Acoustique Canadienne a été un succès. Merci à tous ceux qui se sont investis dans l'organisation et surtout, à tous ceux qui ont assisté et participé. Nous espérons vous revoir à la Conférence de l'ACA 2002, à Charlottetown à l'Ile du Prince Edouard.



*Banquet Evening: The artistes are:
(l to r) John Swallow, Bill Gastmeier and Atarah Ben-Tovim*

Canadian Acoustics / Acoustique canadienne

*When it's versatile,
reliable, portable
and easy to use...*



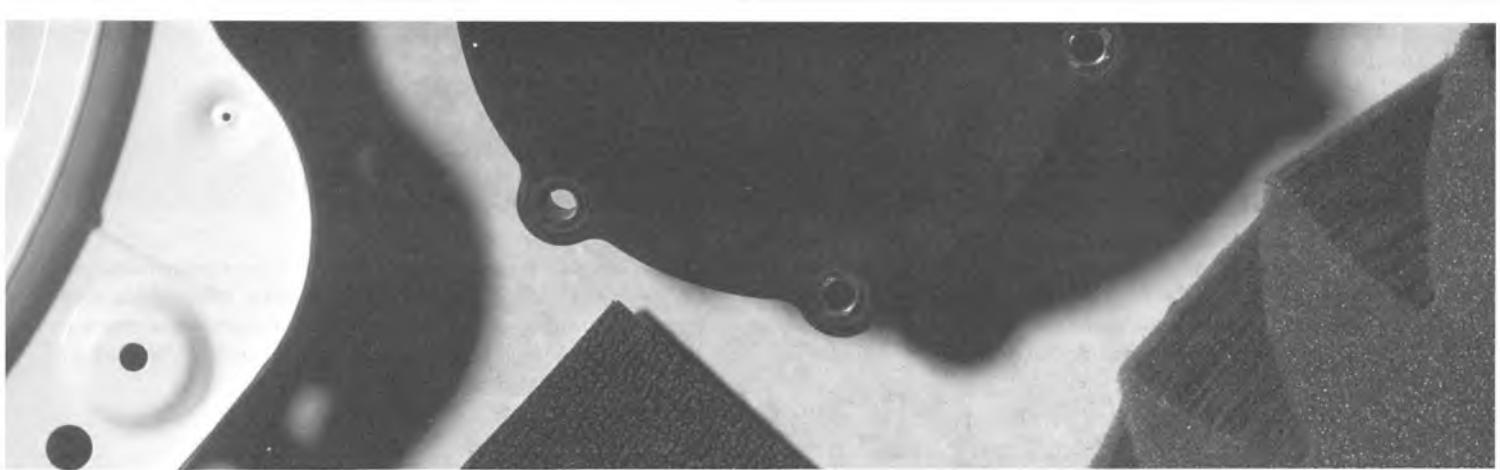
...you GO with it.

Whether it's simplicity, ease of use or ultra precise capture and analysis, Scantek has a vibration measuring device to fill the bill.

- When you're on the go, the rugged, hand-held Rion VM-82 meter is the perfect tool for quick, multiple spot checks for in-the-field situations.
- When you need greater precision and sophisticated analysis capabilities the lightweight, portable Rion VM-83 is ready to go when you are. Its optional servo accelerometer measures extremely low frequency range vibrations down to 0.1 Hz.
- For vibration analysis with FFT capabilities turn to Rion's new VA-11 digital analyzer. Dual-mode operation provides acceleration rms value, peak value and crest factor measurements in meter mode, and FFT analysis determines power spectrum and vibration waveform in analyzer mode. With batteries and removable memory card, it weighs in at only 770g!

Scantek
Sound and vibration
instrumentation and engineering

7060 Suite L, Oakland Mills Rd., Columbia, MD 21046 • Tel: 410.290.7726
Fax: 410.290.9167 • Go to: www.scantekinc.com or info@scantekinc.com



The ABC's of Noise Control

Comprehensive Noise Control Solutions



H.L. Blachford Ltd.'s Comprehensive Material Choices Noise treatments can be categorized into three basic elements: Vibration Dampers, Sound Absorbers and Sound Barriers.

Vibration Dampers

It is well known that noise is emitted from vibrating structures or substrates. The amount of noise can be drastically reduced by the application of a layer of a vibration damping compound to the surface. The damping compound causes the vibrational energy to be converted into heat energy. Blachford's superior damping material is called ANTIVIBE and is available in either a liquid or a sheet form.

Antivibe® DL is a liquid damping material that can be applied with conventional spray equipment or troweled for smaller or thicker applications.

It is water-based, non-toxic, and provides economical and highly effective noise reduction from vibration.

Antivibe DS is an effective form of damping material provided in sheet form with a pressure sensitive adhesive for direct application to your product.

Sound Barriers

Sound barriers are uniquely designed for insulating and blocking airborne noise. The reduction in the transmission of sound (transmission loss or "TL") is accomplished by the use of a material possessing such characteristics as high mass, limpness, and impermeability to air flow. Sound barrier can be a very effective and economical method of noise reduction.

Barymat® is a sound barrier that is limp, has high specific gravity, and comes in plastic sheets or die cut parts. It can be layered with other materials such as acoustical foam, protective and decorative facings or pressure sensitive adhesives to achieve the desired TL for individual applications.

Sound Absorbers

Blachford's **Conasorb®** materials provide a maximum reduction of airborne noise through absorption in the frequency ranges associated with most products that produce objectionable noise. Examples: Engine compartments, computer and printer casings, construction, forestry and agriculture equipment, buses and locomotives.

Available with a wide variety of surface treatments for protection or esthetics. Materials are available in sheets, rolls and die-cut parts – designed to meet your specific application.

Suggest Specific Materials or Design

Working with data supplied by you, H.L. Blachford Ltd. will recommend treatment methods which may include specific material proposals, design ideas, or modifications to components.

ISO 9001 A Quality Supplier

REGISTERED The complete integration of:

- Experience of over forty years
- Quality-oriented manufacturing
- Extensive research and development
- Problem solving approach to noise control

MISSISSAUGA
(905) 823-3200

MONTREAL
(514) 938-9775

VANCOUVER
(604) 263-1561

Blachford
www.blachford.ca