

ÉDITORIAL / EDITORIAL

Bienvenu au Cahier des Actes 1996 de l'*Acoustique Canadienne* - le cahier des actes de la Semaine Canadienne d'Acoustique 1996 qui aura lieu à Calgary en octobre. J'ai le plaisir de publier plus de 70 sommaires de la conférence sur des sujets variés d'acoustique et vibrations, ce qui confirme de nouveau le haut degré d'activité dans ces domaines au Canada. J'espère vous voir à Calgary.

Depuis mon dernier éditorial, l'*Acoustique Canadienne* a dû affronter deux problèmes importants. Premièrement, notre imprimeur a fait faillite! Heureusement, notre représentant avec cette compagnie a rejoint une autre imprimerie, il nous a aidé à sauver notre matériel du premier imprimeur, et a soumis une offre de prix raisonnable pour prendre à sa charge l'impression d'*Acoustique Canadienne*. J'ai bon espoir que le problème soit résolu.

Le deuxième problème, toujours à régler, concerne les implications à long terme des difficultés financières présentes d'*Acoustique Canadienne* (voir le compte rendu dans le dernier numéro). Ce problème sera discuté en détail à Calgary, mais nous devons accroître nos revenus (publicité, prix) ou réduire nos dépenses, incluant une réduction du coût de production de l'*Acoustique Canadienne*.

Le coût de production du journal dépend surtout du nombre de copies imprimées (i.e. le nombre de membres de l'ACA) et le nombre de pages. Réduire le nombre de pages implique une réduction du nombre d'articles publiés - ce qui est contraire à nos objectifs - et/ou une réduction du nombre de variétés, tel l'annuaire annuel des membres. On pourrait aussi supprimer les illustrations de couverture. Tout ceux qui ont des commentaires à ce sujet devraient assister à l'Assemblée générale annuelle à Calgary, ou me contacter avant la conférence.

Welcome to the 1996 Proceedings Issue of *Canadian Acoustics* - the proceedings of Acoustics Week in Canada 1996 to be held in Calgary in October. I have the pleasure of publishing over 70 conference summaries on a wide range of topics in acoustics and vibration - reaffirming the considerable activity taking place in Canada in these fields. I hope to see you in Calgary.

Since my last editorial, *Canadian Acoustics* has had to deal with two difficult problems. First, our printer went bankrupt! Fortunately, our 'rep' with that company joined another printing firm, helped me to 'rescue' our property from the old printer and has submitted a reasonable quote to take over printing *Canadian Acoustics*. Hopefully, problem resolved.

Yet to be resolved are the long-term implications of the Association's current financial difficulties for *Canadian Acoustics* (see the Minutes in the last issue). As will be discussed in detail in Calgary, either we must increase revenue (advertising, fees) or decrease expenditures - including reducing the cost of *Canadian Acoustics*.

The cost of producing the journal depends mainly on the number of copies printed (i.e. the number of CAA members) and the number of pages. Reducing the number of pages means reducing the number of papers published - contrary to current objectives - and/or cutting features, such as the annual membership directory. It could also mean dispensing with the cover illustrations. Anyone with comments on this situation should attend the Annual General Meeting in Calgary or contact me before the conference.

EDITORIAL BOARD / COMITE EDITORIAL

ARCHITECTURAL ACOUSTICS: ACOUSTIQUE ARCHITECTURALE:	Gilbert Soulodre	Carleton University	(613) 998-2765
ENGINEERING ACOUSTICS / NOISE CONTROL: GENIE ACOUSTIQUE / CONTROLE DU BRUIT:	Frédéric Laville	Ecole technologie supérieure	(514) 289-8800
PHYSICAL ACOUSTICS / ULTRASOUND: ACOUSTIQUE PHYSIQUE / ULTRASONS:	Michael Stinson	National Research Council	(613) 993-3729
MUSICAL ACOUSTICS / ELECTROACOUSTICS: ACOUSTIQUE MUSICALE / ELECTROACOUSTIQUE:	Marek R.-Mieszkowski	Digital Recordings	(902) 429-9622
PSYCHOLOGICAL ACOUSTICS: PSYCHO-ACOUSTIQUE:	Annabel Cohen	University of P. E. I.	(902) 628-4331
PHYSIOLOGICAL ACOUSTICS: PHYSIO-ACOUSTIQUE:	Robert Harrison	Hospital for Sick Children	(416) 813-6535
SHOCK / VIBRATION: CHOC / VIBRATIONS:	Osama Al-Hunaidi	National Research Council	(613) 993-9720
HEARING SCIENCES: AUDITION:	Kathy Pichora-Fuller	University of British Columbia	(604) 822-4716
SPEECH SCIENCES: PAROLE:	Linda Polka	McGill University	(514) 398-4137
UNDERWATER ACOUSTICS: ACOUSTIQUE SOUS-MARINE:	Garry Heard	D. R. E. A.	(902) 426-3100
SIGNAL PROCESSING / NUMERICAL METHODS: TRAITEMENT DES SIGNAUX / METHODES NUMERIQUES:	Ken Fyfe	University of Alberta	(403) 492-7031
CONSULTING: CONSULTATION:	Bill Gastmeier	HGC Engineering	(905) 826-4044

More noise than signal?

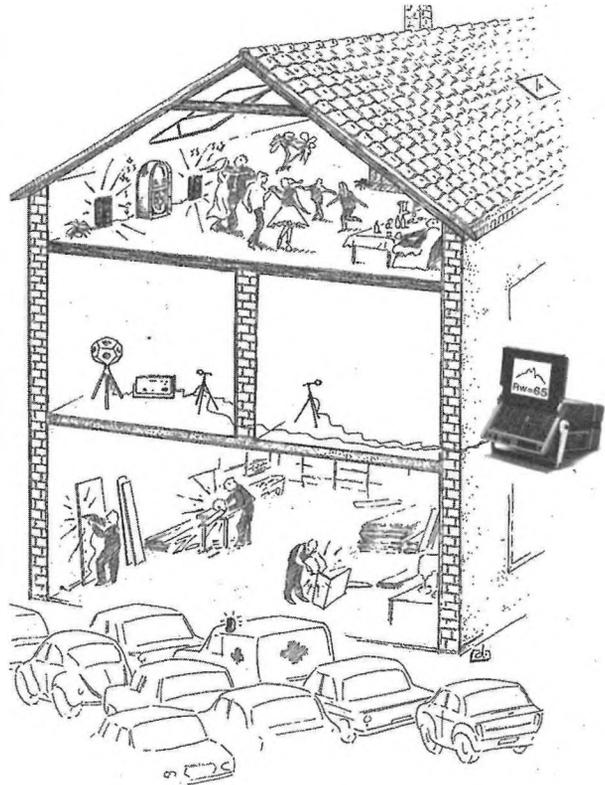
Deadline is approaching and you still haven't made those sound insulation measurements. Let alone all the reverberation time measurements needed. There is simply too much noise in the building. What now?

Enter MLS—the Maximum Length Sequence!

MLS. The newest measuring mode of the Norsonic Real Time Analyzer RTA 840.

MLS. Now you can measure in situations where you have more noise than signal. You can measure sound insulation as well as reverberation time. We have even made you a wireless MLS noise generator. Imagine what this will do to your façade insulation measurements!

MLS. What's the secret behind it? By spending slightly more time when measuring, your signal-to-noise ratio requirements will be drastically reduced. This is a very profitable way to trade lots of dynamics for time spent ... when it suits *you—and your deadlines.*



**NOW WITH TFT
COLOR SCREEN**



The Real Time Analyzer RTA 840 — your on-site laboratory!

Now all your tasks can be accomplished by means of only one instrument—the RTA 840.

A few of the features: 80dB dynamic range • 0.1–20 000Hz in two channels • Frequency analysis in fractional octaves or FFT • Sound intensity in fractional octaves or FFT • Reverberation time measurements • Maximum Length Sequence • Level vs. time measurements • Built-in PC • Internal hard disk • Color or B/W display • Powered from 12VDC battery • Built-in noise generator and much more.

W SCANTEK, INC.

916 Gist Ave., Silver Spring, MD 20910
Phone 301/495-7738, FAX 301/495-7739

Outside U.S., Mexico and Canada:
NORSONIC AS, P.O.Box 24, N-3408 Tranby, Norway
TEL: +47 3285 8900 Fax: +47 3285 2208

SOME OF THE FEATURES LISTED ARE OPTIONAL, CONTACT THE FACTORY FOR DETAILS