

**Institute for National Measurement Standards
National Research Council of Canada
Status Report
(CCAUV September 2004)**

Acoustical Standards Program Accreditation to ISO/IEC 17025:

Vibration accreditation, (October 2003):

Team Leader Mary Ryan (NATA), and Dr. Hans Von Martens (PTB)

Acoustics and Ultrasound accreditation, (May 2004):

Team Leader Elaine Dowd (SCC, Standards Council of Canada), and Dr. Bruce Meldrum (CSIRO)

The Program is in the process of satisfying the requirements of the above accreditation.

Publication in Refereed Journal:

1. G. S. K. Wong and L. Wu, "Interlaboratory comparison of microphone calibration" *J. Acoust. Soc. Am.* 115 (2), 680-682, February 2004
2. G. S. K. Wong and L. Wu, "Primary microphone calibration system stability," *J. Acoust. Soc. Am.* 114 (2), 577-579, August 2003

Paper submitted to *Metrologia* for publication:

1. L. Wu, G. S. K. Wong, P. Hanes and W. Ohm, "Measurement of sensitivity level pressure corrections for laboratory standard microphones"

Organization of International Standards Committee meetings:

On behalf of the SCC the Program is successful in inviting the following Committees to meet in Toronto in 2005:

IEC/TC 29: Electroacoustics (30 May to 3 June 2005)

ISO/ TC 43: Acoustics

ISO/TC 43 SC 1: Noise, and

ISO/TC 43/SC 2: Building Acoustics (6 - 10 June 2005)

ISO/TC 108: Mechanical vibration & shock

ISO/TC 108/SC 2: Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures, and

ISO/TC 108/SC 6: Vibration and shock generating systems.

CCAUV/04-19
(27 June to 1 July 2005)