

## CPEM 2008 – EXHIBITORS

### **Andeen-Hagerling, Inc.**

Andeen-Hagerling (AH) manufactures the world's most precise capacitance/loss bridges and capacitance standards. AH bridges are fully automatic and resolve sub-attofarad measurements. Loss (dissipation factor) is measured down to  $1.5 \times 10^{-8}$  tan. Capacitance standards are available from 0.1 pF to 100+ pF. Standards have a temperature coefficient of 0.01 ppm/°C, stability of 0.3 ppm/year, and are NIST traceable to 2 ppm accuracy.

**Paul Sauerland**

**31200 Bainbridge Rd.**

**Cleveland, OH 44139 USA**

**Phone: 440-349-0370**

**Fax: 440-349-0359**

**Email: paul@andeen-hagerling.com**

**Website: www.andeen-hagerling.com**

### **Cryogenic LTD**

Cryogenic Ltd announces developments in our Cryogen Free Quantum Hall Resistance (QHR) System. The new system is completely dry as it does not require any liquid helium for operation. The system uses the low maintenance pulse tube cryocooler for cooling the temperature down to 4K. Cryogenic leads the market in the Cryogen Free Magnet Technology and is now offering the same advantages for its customers in Metrology.

**Zakiya Omar**

**30 Acton Park Industrial Estate**

**London, W3 7QE United Kingdom**

**Phone: 44-208-743-6049**

**Fax: 44-208-749-5315**

**Email: zakiya@cryogenic.co.uk**

**Website: www.cryogenic.co.uk**

### **Data Proof / Ohm-Labs**

Data Proof Provides tools to automate precision DC measurements.

Ohm-Labs manufactures resistance standards, precision shunts and high voltage dividers.

**Tom Marshall**

**Data Proof**

**2562 Lafayette St.**

**Santa Clara, CA 95050 USA**

**Phone: 408-919-1799 Fax: 408-907-3710**

**Email: DataProof@aol.com**

**Website: www.DataProof.com**

**Jay Klevens**

**Ohm-Labs, Inc.**

**611 E. Carson St.**

**Pittsburgh, PA 15203 USA**

**Phone: 412-431-0640 Fax: 412-431-0649**

**Email: jklevens@ohm-labs.com**

**Website: http://www.ohm-labs.com**

### **Fluke Corporation**

Fluke Corporation is one of the world's leading manufacturers of calibration and measurement equipment, accessories and software. Products are used in critical calibrations worldwide. The product line includes dc/lf electrical calibration, power calibration, process calibration, time and frequency, temperature and humidity calibration, rf calibration, pressure and flow calibration.

**Marie Barrett**

**6920 Seaway Blvd.**

**Everett, WA 98203 USA**

**Phone: 425-446-6336**

**Fax: 425-446-5992**

**Email: marie.barrett@fluke.com**

**Website: www.calibration.fluke.com**

### **Guildline Instruments Ltd.**

Guildline is recognized as a world leading manufacturer of precision metrology solutions and products. Standards include the most precise resistance and temperature measurement standards made today and also has a 17025 Accredited calibration facility. Guildline celebrated its 50th year of quality manufacturing and world recognition of producing extremely reliable instrumentation.

**Lyne Houle**

**PO Box 99, 21 Gilroy Street**

**Smiths Falls, ON K7A 4S9 Canada**

**Phone: 613-283-3000**

**Fax: 613-283-6082**

**Email: lyne-houle@guildline.com**

**Website: www.guildline.com**

### **Measurements International**

Measurements International (MI) is the industry's premier metrology company. MI provides innovative standards technology for the metrology and AC power industries. MI designs, develops, and manufactures electrical metrology instruments (Quantum, DC, AC, Temperature and AC Power) with the highest quality solutions. *Metrology is our Science, Accuracy is our Business*™.

**Ryan Brown**

**PO Box 2359**

**Prescott, ON K0E 1T0 Canada**

**Phone: 613-925-5934 Fax: 613-925-1195**

**Email: [duanebrown@mintl.com](mailto:duanebrown@mintl.com) Website: [www.mintl.com](http://www.mintl.com)**

### **National Institute of Standards and Technology (NIST)**

The calibration services of the National Institute of Standards and Technology (NIST) are designed to help the makers and users of precision instruments achieve the highest possible levels of measurement quality and productivity. They directly link a customer's precision equipment or transfer standards to national and international measurement standards.

**Joanne Marshall**

**100 Bureau Dr.**

**Stop 2300**

**Gaithersburg, MD 20899-2300 USA**

**Phone: 301-975-2009 Fax: 301-926-0416**

**Email: [joanne.marshall@nist.gov](mailto:joanne.marshall@nist.gov) Website: [www.nist.gov/calibrations](http://www.nist.gov/calibrations)**

### **National Research Council Canada**

The National Research Council's Institute for National Measurement Standards is Canada's center for the development and maintenance of primary physical standards. It provides traceability to the SI for Canadian Industry, including the Electrical Power Industry. Calibration Services and custom development of measurement techniques are available.

**Peter Filipski**

**1500 Montreal Road**

**Ottawa, ON K1A 0R6 Canada**

**Phone: 613-993-2313 Fax: 613-952-1394**

**Email: [alexandra.shaw@nrc-cnrc.gc.ca](mailto:alexandra.shaw@nrc-cnrc.gc.ca) Website: [www.nrc-cnrc.gc.ca/main\\_e.html](http://www.nrc-cnrc.gc.ca/main_e.html)**

### **NCSL International**

NCSL International, with 1200 member organizations world-wide, promotes cooperative efforts supporting and solving problems faced by calibration and measurement laboratories dealing with metrology, measurement standards, conformity assessment, and instrument calibration. Members enjoy a rich opportunity to exchange ideas and techniques by serving on a variety of technical committees or by attending the annual Workshop and Symposium.

**Craig Gulka**

**2995 Wilderness Place, Suite 107**

**Boulder, CO 80301-5404 USA**

**Phone: 303-440-3339 Fax: 303-440-3384**

**E-mail: [cgulka@ncsli.org](mailto:cgulka@ncsli.org) Website: <http://www.ncsli.org>**

### **Supracon AG**

Supracon is a leading supplier of customized superconducting circuits and measuring systems. The latest system development is a Josephson voltage standard based on highly integrated superconducting microwave circuits. It provides output voltages with an accuracy of  $10^{-9}$ , which makes them applicable as a primary calibration standard for high precision instrumentation. The new system is available mounted on a cryocooler with no cooling liquids required or alternatively operating in a liquid helium Dewar.

**Matthias Meyer**

**Wildenbruchstr. 15**

**Jena, D-07745 Germany**

**Phone: 49-3641-675380 Fax: 49-3641-675387**

**Email: [meyer@supracon.com](mailto:meyer@supracon.com) Website: [www.supracon.com](http://www.supracon.com)**