



**Ottawa  
Section**



**Seminar by Joint IEEE Ottawa-Montreal Section DEIS Chapter,  
IEEE Ottawa Educational Activities, PES, RS, IMS Chapters, and EPMG of INMS/NRC**

*The IEEE Ottawa Section is inviting all interested IEEE members and other engineers, technologists, and students to a seminar on dielectrics and electrical insulation.*

## **On-site Tests and Calibrations for High-Voltage/High-Current Measurement Equipment**

by

**Dr. Alexander Bulinski, National Research Council, Ottawa**

**DATE:** Thursday, November 23, 2006.

**TIME:** 10:40 a.m. Registration and Networking; 11:00 a.m. – 12:00 p.m. Seminar.

**PLACE:** National Research Council, 1200 Montreal Road, Ottawa, Building M-36, Kelvin Room.

**PARKING:** No fee at the visitor's parking. Please respect restricted areas.

**Abstract** The size and/or the operating conditions of certain components of high-voltage/high-current measurement systems sometimes prohibit their calibration at the NRC high-voltage/high-current laboratory in Ottawa. The solution is to perform these calibrations on-site, at a client's location. However, this requires application of specialized techniques and measurement instrumentation that can accommodate unique industrial testing requirements and environments. The Electrical Power Measurements Group of the Institute for National Measurement Standards (INMS) has developed several such techniques and instrumentation, which have been used by electric utilities and High-Voltage equipment manufacturers.

This talk will describe several tests and calibrations for on-site use and provide documentary photos from testing sites in Korea, Peru, Finland, the Netherlands, USA and Canada.

**Alexander Bulinski** (IEEE SM'81, F'95) received his Ph.D. degree in 1976 in Electrical Engineering from the Wroclaw University of Technology, Poland. In 1977, he joined the National Research Council of Canada and has been associated with it ever since. His research interests include aging processes in high voltage insulation, insulation system design and testing, high voltage measurements and the development of diagnostic measurement techniques and instrumentation for assessing the operating conditions of different types of high voltage insulation.

**Admission:** Free. Registration required for security reasons.

**To ensure a seat, please register by e-mail contacting:**

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