

Lumex Instruments Canada is pleased to invite you to the UFF for our FREE Hg analyzer workshop on May 28th from 9:00-17:00 at the Auditório do Núcleo de Estudos em Biomassa e Gerenciamento de Água - NAB (Rua Prof. Edmundo March, s/nº, Niterói, RJ, 24210-330).

Come and learn about all the potential and versatility of a portable Hg analyzer and what it can do for your researches, whether in the lab or in the field.

Please see the program time table below:

**9:30-10:00** Registration, welcome coffee & networking

**10:00-11:00**

"HIGH FREQUENCY ZEEMAN BACKGROUND CORRECTION: SPECIFIC TYPE OF ZEEMAN & PRECISE INFO: Principles and applications"

### **SIMPLE ANALYSIS FOR COMPLEX SAMPLES**

Introduction about Zeeman background correction and how it allows your analysis without the use of golden traps: "Features & facilities", design and advantages of RA-915M by Lumex Instruments.

**11:00-11:15** Coffee-break & networking

**11:15-12:00**

"Zeeman background correction: Applications" INFO ABOUT TYPE OF SAMPLES Applications and protocols developed by Lumex for various industries such as environmental, mining, food and agriculture, oil & gas, naphta, air, standards, ASTM.

### **INTERNATIONAL EXPERIENCES AND PROJECTS**

**12:00-12:45** Lunch & networking

**12:45-14:00**

"Demonstration of RA-915M"

Demonstration of protocols developed by Lumex:

- 1) Direct determination of mercury content in ambient air;
- 2) Determination of mercury in soil.

**14:30-14:45** Coffee-break & networking

**14:45-15:15** Q&A session

**15:15-16:00** Round table to exchange ideas

Presenter:

Alexey Shashko, Hg specialist of Lumex Instruments Group