

National Resource for Imaging Mass Spectrometry
Harvard Medical School and Brigham and Women's Hospital

Multi-isotope Imaging Mass Spectrometry Workshop

When: September 22-25, 2003

Where: 65 Landsdowne Street
Cambridge, MA 02139 USA

Program:

The goal of this workshop is to give the participants elementary theoretical and practical knowledge of Multi-isotope Imaging Mass Spectrometry (MIMS) encompassing ion optics and alignment of the instrument, experimental design, data analysis and molecular labeling with stable isotopes. Demonstrations will use the prototype of the Cameca NanoSIMS 50.

Instructors:

Georges Slodzian, Universite de Paris-Sud (tentative topic: Ion optics and detectors)

François Hillion, Cameca (tentative topic: Practical aspects of alignment for high resolution imaging and measuring isotope ratios)

Claude Lechene, Harvard Medical School (tentative topic: Analysis of biological samples with emphasis on the use of stable isotopes as quantitative tracers)

Frank Stadermann, Washington University (tentative topic: Quantitative analysis of microscopic particles)

Clifford Unkefer, Los Alamos National Laboratory (tentative topic: Strategies for molecular labeling with stable isotopes)

Douglas Benson, NSee, Inc. (tentative topic: Isotope ratios analysis of MIMS images)

Registration Fee:

Academic or non-profit = \$250/person

Student = free

Company = \$2,000/person

Registration Deadline: Monday, September 8, 2003.

Workshop Registration Form, directions and some hotel information can be found on our website at www.nrims.hms.harvard.edu