

Multi-Isotope Imaging Mass Spectrometry Workshop
September 22-25, 2003

PROGRAM

Monday, September 22

- 8:00-8:30 Registration, outside Room 103
Breakfast, Room 101
- 8:30-10:30 Georges SLODZIAN, Universite de Paris-Sud
Ion optics and detectors
- 10:30-10:45 Break
- 10:45-12:00 Georges SLODZIAN
- 12:00-1:00 Lunch
- 1:00-3:00 François HILLION, Cameca
*Practical aspects of alignment for high resolution imaging and
measuring isotope ratios*
- 3:00-3:15 Break
- 3:15-5:00 François HILLION

Tuesday, September 23

- 8:30-10:30 Frank STADERMANN, Washington University
*Isotopic, structural and chemical properties of dust grains within
dust grains: sub-micrometer NanoSIMS studies directly in TEM
sections*
- 10:30-10:45 Break
- 10:45-12:00 Frank STADERMANN
- 12:00-1:00 Lunch
- 1:00-3:00 Claude LECHENE, Harvard Medical School
*Analysis of biological samples with emphasis on the use of stable
isotopes as quantitative tracers*

- 3:00-3:15 Break
- 3:15-5:00 Claude LECHENE
- 6:00-9:00 Reception in the Library at the Hotel @ MIT, 20 Sidney Street,
Cambridge (one block from the site of the Workshop)

Wednesday, September 24

- 8:30-10:30 Douglas BENSON, NSee, Inc.
Isotope ratios analysis of MIMS images
- 10:30-10:45 Break
- 10:45-12:00 Clifford UNKEFER, Los Alamos National Laboratory
Strategies for molecular labeling with stable isotopes
- 12:00-1:00 Lunch
- 1:00-3:00 Tour of laboratory

Thursday, September 25

- 8:30-10:30 General discussion among presenters and attendees moderated by
Claude LECHENE
- 10:30-10:45 Break
- 10:45-12:00 Discussion