

Meeting Announcement

Midwest Microscopy and Microanalysis Society - MMMS

Thursday, October 18, 2001
University of Wisconsin
USDA Dairy Forage Research Laboratory
1925 Linden Drive W.
University of Wisconsin
Madison, Wisconsin

Admission is free with MMMS Membership
MMMS membership is \$10.00 - new members will be accepted at registration

Meeting Schedule

Combined Morning Session
Room 225
USDA Dairy Forage Research Laboratory
1925 Linden Drive W.
University of Wisconsin
Madison, Wisconsin

9:00 Set up and Registration Opens
There is room in the Foyer for Commercial exhibits

9:30 Welcome and Opening Remarks

9:40 - 10:15 Dr. Steven Goodman, Imago Corp.
"The atom probe microscope and its potential for application in biology and biotechnology."

10:15 - 11:00 Dr. Paul Nealey, Dept. of Chemistry, UW Madison,
"Nanostructured Materials as Interfaces to Biology"

11:00 - 12:00 Paul Hlava, Sandia National Lab - Invited MAS speaker
"Causes of Color in Minerals and Gemstones"

12:00 Lunch - **INCLUDED WITH REGISTRATION**
Room 225, USDA Dairy Forage Research Laboratory
Chinese Lunch Buffet

Afternoon Biology Emphasis Session

Room 236 Animal Sciences Building
1675 Observatory Drive
This is about 1 block from the Dairy Forage Building. Maps and directions will be provided.

- 1:00 Jim Pawley, Department of Zoology, UW Madison.
"Limits to the precision of optical sectioning in live-cell confocal microscopy"
- 1:25 Sara Patterson, Dept. of Horticulture, UW Madison.
"Things Fall Apart," A Cell Separation Mutant in *Arabidopsis thaliana*"
- 1:50 Heide Schatten, Dept. of Vet. Sci., University of Missouri.
"Centrosome-Cytoskeletal Dynamics During Fertilization and Cell Division"
- 2:15 Daryl Meyer, Department of Animal Sciences, UW Madison.
"The Feasibility of High Resolution, Multiple Labeling Using Colloidal Particles of Similar Size but Having Different Shapes and Elemental Compositions"
- 2:40 Lincoln Lim, Dept of Food Science, UW Madison.

RSVP is Requested

Please send RSVP via email, phone, or fax to:
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"A Comparison of Techniques for SEM Observation of Ice Cream; Cryopreparation, Freeze Drying, and Cold Temperature Polymer Replica Casting"

- 3:05 Ralph Albrecht, Dept of Animal Sciences, UW Madison
"Applications of Corrosion Casting to Studies of Vascular Dynamics and Biologically Active Substrates."

Physical Sciences Session

- 1:00 Daniel van der Weide, Dept. Electrical & Computer Engineering, UW Madison
"Biological contrast and microscopy approaches in the microwave regime"
- 1:20 Paul Kotula, Sandia National Laboratories, Albuquerque, NM.
"Automated Analysis of X-ray Spectral Images: A Practical New Tool for Microanalysis"
- 1:40 Nancy Zjaba, Alfalight, Madison, WI
"Use of Microscopy in the Analysis of Diode Laser Devices"
- 2:00 Arthur Woll, Engineering Experiment Station, UW Madison
"Caught in the act! Using low-energy electron microscopy to study surface processes in real time."
- 2:20 Max Lagally, Engineering Experiment Station, UW Madison
"Semiconductor Nanostructures: Growth and Visualization"
- 2:40 Mo-Huang Li, Dept. of Electrical and Computer Engineering, UW Madison.
"Micromachined Scanning Thermal Probes"
- 3:10 Amit Lal, Dept. of Electrical and Computer Engineering, UW Madison
"Experiments with radioactive thin films and probes".
- 3:30 Reception

Reception -- Second Annual "Cheese, Cheese, and Ice Cream" Reception - This IS Wisconsin.

<u>PARKING</u>	<u>PARKING</u>	<u>PARKING</u>
<p>Parking is available in Lot 62 located one-half block west of the Dairy Forage Building. <u>We need to let parking know at least on week in advance how many spaces we need all day permits are \$6 and nonrefundable</u></p>		



Building 32 - USDA Dairy Forage Research Laboratory, 1925 Linden Drive W.
Building 8 - Animal Sciences Building, 1675 Observatory Drive
Parking - Lot 62 - Parking is \$6 for the day. Reserve a permit with RSVP.

