
Minnesota Microscopy Society

Local affiliate of the *Microscopy Society of America*
and the *Microbeam Analysis Society*



Newsletter

April 2006

Date:

Friday, April 21, 2006

Location:

Science Museum of Minnesota
120 W. Kellogg Blvd., St. Paul
Discovery Hall
(www.sci.mus.mn.us)

FOCUS
ON
SCIENCE

Minnesota Microscopy Society
Spring Symposium

Microscopy in Failure Analysis

Schedule

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| 7:30 - 8:30 AM | Registration, Continental Breakfast, and Vendor Displays |
| 8:30 - 9:30 AM | Debbie Aliya, Aliya Analytical.
<i>Specimen Selection in Microscopy for Failure Analysis</i> |
| 9:30 - 10:30 AM | Larry Hanke, Materials Engineering and Evaluation
<i>Failure Analysis of Polymer Based Materials</i> |
| 10:30 - 11:00 AM | Break and Vendor Displays |
| 11:00 - 12:00 AM | Dr. Roch Shipley, Packer Engineering
<i>Failure Analysis: Planning the Macroscopic and the Microscopic Examinations</i> |
| 12:00 - 1:30 PM | Lunch and Vendor Displays |
| 1:30 - 1:45 PM | Business Meeting (Project MICRO, 10 th Anniversary) |
| 1:45 - 2:45 PM | Professor Bill Gerberich, University of Minnesota,
<i>Failure analysis in the 21st Century</i> |
| 2:45 - 3:45 PM | Joe Lessar, Medtronic Inc.
<i>Use of the SEM in the Failure Analysis of Cardiac Pacing Leads</i> |
| 3:45-4:00 | Door Prizes, Closing Remarks |

Registration

The cost of the meeting will be \$75 for MMS members and \$85 for nonmembers. This fee includes the meeting, buffet lunch, breakfast, coffee breaks, and **a free pass to the Museum exhibits** (a \$7 value). Registrants can pay at the door, but reservations must be made in advance. For students and K-12 teachers the registration fee is \$35.

Reservations **MUST** be made no later than **Friday, April 14th**. Register by e-mailing Bede Willenbring at Bede.Willenbring@hbfuller.com, or by phone at 651-236-5470. Include your name, company, phone number, and e-mail address.

Registration Includes a Free Pass to the Science Museum

The Science Museum of Minnesota always has an exciting array of exhibits. In addition, the Science Museum has the Omnitheater and the 3D Cinema showing great films. Tickets to these theaters are extra. For more information go to www.smm.org.

Luncheon Buffet

- Platters of cold roast beef, roast turkey, and smoked ham.
- Slices of swiss, cheddar, and pepper jack cheeses.
- Fresh lettuce, sliced tomatoes, onions, and pickles.
- Freshly baked bread, rolls and petite croissants.
- Country potato salad, penne pasta salad primavera, and kettle chips.
- Fresh sliced fruits of the season.
- Chocolate Torte.

Location of the Science Museum and Meeting Room

The Science Museum is located at 120 W. Kellogg Blvd., St. Paul. The meeting will be held in Discovery Hall. If entering the Museum from Kellogg Boulevard, go through the Lobby, angle left just after the Box Office, and continue to the stairs/elevators. Discovery Hall is one floor down.

Parking

The Science Museum's parking ramp can be accessed from either Kellogg Boulevard or Chestnut Street. Enter the museum by taking the parking ramp elevator to the Lobby level. The River Centre ramp is an alternative to the Science Museum's ramp.

