



Newsletter

Of the

New York Microscopical Society



1 Prospect Village Plaza
(66F Mt. Prospect Avenue)
Clifton, New Jersey 07013-1918
GPS: Latitude 40.8648N, Longitude 74.1540W

April 2011

N.Y.M.S. (973) 470-8733

Volume 5 (25) Number 4

9th Annual Microscope Day at John Jay

Friday, April 29th, 2011, BMW Building

555 W. 57th St., New York, NY 10019

Sixth floor, Rooms 615B & 616B

Presented by the New York Microscopical Society and John Jay College

Please join us for this event, which begins at 10 AM and concludes at 3 PM. It is an informal event where speakers will give short presentations with ample time in-between to interact with other attendees and speakers.

This year's speakers and their presentation titles (exact times and order of speakers is subject to change):

10:00 AM Peter Diaczuk, Past-President, New York Microscopical Society - *Opening Remarks*

10:15 Ewelina J. Bajda - *Microscopical Differentiation of Contact Transfer and Spatter Bloodstain Patterns*

11:00 Rebecca Smith – *The Easter Bunny Ain't the Only Thing That Hops*

11:45 Lunch

12:45 Nicholas Petraco – *A Statistical Analysis of Dust Samples*

1:30 Gerard Petillo – *Microscopy of Pre-firing Tool Marks on Ammunition and its Effect on Identification.*

2:15 Loretta Kuo - *Statistical Analysis of Chisel Tool Marks*

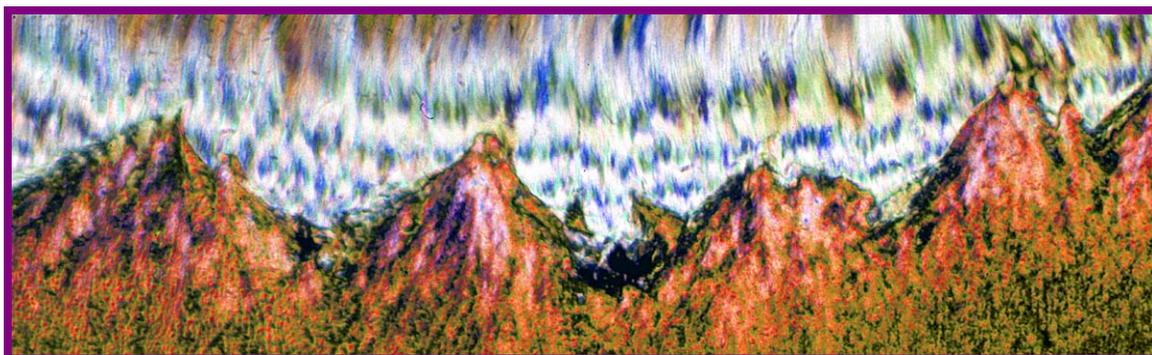
2:50 Peter Diaczuk - *Closing remarks*

Dave Zweig of Zarbeco will have a table displaying and demonstrating his newest digital microscopes (the MiScope®) and attachments.

Refreshments to be served. This event is free and open to all those interested in microscopy.

Photo ID necessary for entry into building!

Glucono-Delta-Lactone (see page 3)



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Dues and Addresses

Please remember to mail in your Dues to Mary McCann, Membership Chair (see this page for address).

Junior (under age 18) \$10 Annually

Regular \$30

Student (age 18 or above) \$20 Annually

Supporting \$60 Annually

Corporate (includes one advertisement in NYMS News) \$175 Annually

Life \$300 (payable within the year)

To avoid missing notices:

Notify Mary and me if you have changed your address, phone or email.

The Mission of the New York Microscopical Society

is the promotion of theoretical and applied microscopy and the promotion of education and interest in all phases of microscopy.

Alternate Meeting Notifications

Please note that due to time constraints in publishing, some meeting notices may be available by calling Mel Pollinger at 201-791-9826, or by visiting the NYMS website.



From The Editor...if you have email:

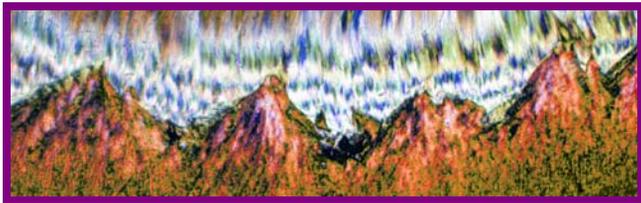
Getting the newsletter by email means you receive bonus files that cannot be sent by "snail mail." Even if you continue your USPS delivery of the newsletter, NYMS needs your email address for reporting priority events and special news. Being able to contact you by email means better communication between us.

To Order Your NYMS Lapel Pins

Send a check in the amount of \$12.00 per pin to
New York Microscopical Society
c/o Mel Pollinger, 18-04 Hillery Street, Fair Lawn, NJ 07410. To avoid shipping & handling charges, pins may be purchased directly at any NYMS meeting for \$10.00.



Buy and Read a Good Book on Microscopy.



Glucono-Delta Lactone

Digitized from a 35mm slide. The original picture was taken with a Bausch & Lomb LC Petrographic microscope using an Olympus OM2 35mm camera, KPA 5070 film, tungsten illumination, UV, 82A & magenta filters. A 5x ocular and a 12.5mm Minolta bellows macro lens set wide open at f/2. The melt and its image were made in August of 1985. The normal polarized light colors were recently modified with Photoshop to bring up the mountain-effect in this version of the original image. By Mel Pollinger

**EAS: CALL FOR PAPERS
Deadline - April 15, 2011**

SCONYC Report (Outreach)

To: Dr. Angel Klaus, President, NYMSAs a member on the NYMS Outreach Committee I'm issuing the following report. Jean Portell has been honored with the Science Council of New York City's (SCONYC) yearly Jerry Resnick Memorial Presidential Award. The SCONYC Board would appreciate if you would accept as a Member Association President their invitation to the Awards Dinner, Tuesday May 17, 2011 at Giardino's Restaurant, Douglaston, Queens, 5 p.m. Jean is coming and is looking forward to it. If you cannot attend could you please ask another Board member to represent you? The sooner they know, would be helpful. Thanks. Jean and I gave, at SCONYC's Conference on Sunday April 2nd, a double session titled as we did last year "Myths and Facts about Light Microscopy". This year's Conference had a total of 228 registrants. (Pete Diaczuk volunteered sessions the two previous years.) On this special occasion with teachers of limited experience and student teachers (less than ten in all) we started off using PowerPoint to discuss the instruction of microscope use to children in their school science settings. We followed up with demonstrating and facilitating their own slide preparations with a variety of live organisms.

This year the Assistant Principal made available far better and recently maintained compound microscopes than last year. Again the experience was a success, well received and exciting for all. One, I guess near-middle age elementary school teacher after observing aquatic plant cells (Elodea) under high power magnification, sat back in her chair, looked to us exclaiming "This is it!" I could just see the excitement she was going to generate with the children back in her classroom. Merry! Kafka an Exhibitor for the New York State Maritime Educational Association (NYSMEA), also a SCONYC Member Association, asked us NYMS outreachers if we'd be interested to give a Tools and Techniques of Microscopes session to teachers at their Conference, this coming June 4th at Kingsborough Community College, CUNY. We had discussed such an event last year. 100 teachers are expected registrants. She is going to ask the College Science Department Chair if and what kind of microscopes they might provide.

Respectfully submitted by Guy de Baere

Speaking of which, PLEASE PASS THE WORD! Guy de Baere and I need volunteers to take photos and/or help kids use the microscopes at each of the following NYMS outdoor events in Central Park this year:

- Sunday, April 24, about 1:00 to 2:30 -- "Flowers" (in the Children's Glade)
- Saturday, May 14, noon to 3:00 -- "On A Wing" (near Belvedere Castle)
- Saturday, June 25, "Family Fishing Festival" (near the Dana Discovery Center)

Jean Portell jeanDP@aol.com, (718) 643-1222



Jan Hinsch: Picture taken by John Scott during Jan's dynamic presentation in April 2011.

Nikon Small World

Videos or single digital images may be uploaded via FTP at the following URL:

<ftp://davidsonftp.magnet.fsu.edu>

Username: smallworld Password: contest
The deadline is Friday, April 29th, 2011. There is no "upper" size limit, but files larger than 10 Mb take quite a bit of time to upload over a modem.

NYMS Open Tuesday Evenings

NYMS Headquarters at Clifton, NJ will be open to members from 8:00pm to 10:00 pm most Tuesday evenings. Those members wishing to visit must call Don O'Leary to confirm. Don's cell-phone number is (201) 519-2176.

Microscope Cleaning Kit

A complete set of tools and accessories to keep your microscope in optimum operating condition. The kit is put together by our Curator/Educational Chairman and available directly from NYMS for only \$35.00 plus shipping & handling, or may be purchased at a meeting. Call or email Mel Pollinger or Don O'Leary for details (see page two for contact numbers).

Awards Given by the New York Microscopical Society

The New York microscopical Society takes great pleasure in recognizing and rewarding individuals who have contributed to either the activities of the society or to furthering microscopy. These awards are described in our website and in a pdf file for our email newsletter recipients. All members are eligible to nominate individuals for these various awards, and are encouraged to do so. John A. Reffner, Awards Committee Chairperson

Errata for March 2011 Newsletter

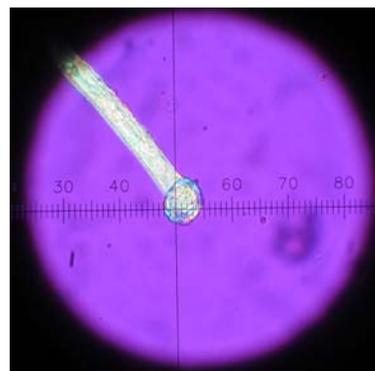
Page 1, Lucy McCrone's first name below meeting picture should read "Lucy" not Mary.
Page 3, pagination at page end should read Page 3 of 4, not 1 of 4.

Answer to Mystery Photo for March 2011



Frisbee clone.

Mystery Photo for March 2011



Want to take a guess? Send it to me by email or call me:

pollingmel@verizon.net, (201) 791-9826

Additional Historical NYMS Supplements

Email Newsletter recipients will also be getting copies of NYMS Newsletter pdf back-Issues from 2007. Copies of older newsletters will be sent as I convert them.

Got something you want to sell, trade or publish in the Newsletter and/or on the website? Write, call or send an email message to:
201-791-9826 or pollingmel@verizon.net (images accepted)
or
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