

Newsletter

Of the

New York Microscopical Society





Mar 2017 Editor: (201) 791-9826 Volume 11 (31) Number3

New York Microscopical Society: Members Lecture Meeting, March 26, 2017, 2PM (Doors Open at Noon)

Petrography; A review, by Roland Scal, Ph.D., of the technique and its application to the study of sedimentary rocks

Sedimentary rocks provide a record of processes that happened on the earth's surface. These rocks can be interpreted based on their contents and put into the context of earth's history. Many of the principles of sedimentary rocks are well illustrated in thin sections. Thin sections are studied using the petrographic microscope AKA the polarizing microscope. The microscope allows observation of both minerals and morphology of the rocks and a vast literature on rocks' features makes possible recognition of both mineralogical and biological features under the microscope. A brief discussion of educational aspects of petrography and how it might be used to illustrate geological processes and help in the general topic of "microscopy for students" will be part of the talk.

Photomicrographs will illustrate some of the more unusual rocks seen by the speaker and attendees will be shown several exemplars of the rocks that have been thin sectioned. Hopefully the beauty of these rocks will be apparent. Technical aspects of production of thin sections will be addressed, but this talk is intended to be general rather than specific to a particular project/geological-investigation.

Brief Bio

Roland Scal teaches geology at Queensborough Community College in Bayside, NY, and has been a member of the society for 30+ years. He is particularly interested in sedimentary rocks and fossils and you are invited to bring along anything of that type to be observed and hopefully identified.

Dr. Enrico Sassoni's Lecture on Fabruary 25, 2017 at NYMS in Clifton, photo by John Scott: (see page 3 for info)



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Manager, 2016-2019 Peter Diaczuk pedicoplanb@gmail.com;; (212)237-8896, Past President

For additional information contact the Editor: Mel Pollinger at (201) 791-9826, pollingmel@optonline.net

Dues and Addresses Please remember to mail in your Dues to:

Mel Pollinger Treasurer, NYMS 18-04 Hillery St. Fair Lawn, NJ 07410-5207

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 Mel Pollinger if you have changed your address, phone or email.

Awards Given by the New York <u>Microscopical Society</u> 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

Awards Committee

Chair: John A. Reffner

<u>Members</u>

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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.



Mel Pollinger, Editor 18-04 Hillery St. Fair Lawn, NJ 07410-5207



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 emailing: pollingmel@optonline.net

Please remember to pay your dues

Buy and Read a Good Book on Microscopy.

From page 1: Doors will be open at Noon.
Refreshments will be available. For additional information, please contact John Scott nyconsnfdn@aol.com; (646)339-6566, or Mel Pollinger (pollingmel@optonline.net), (201)791-9826, or by cell: (201) 314-1354 (on meeting day only)

Upcoming Microscopical Courses & Events

From: "McCrone Research Institute"

<courses@mcri.org>

Subject: Advanced Forensic/Advanced PLM Microscopy Course at McCrone Research Institute, Chicago **At McCrone Research Institute, Chicago**

May 22 - 26, 2017

From: "Eastern Analytical Symposium & Exposition"

<newsletter@eas.org>

Subject: EAS - Call for Papers is Now Open

Join us November 13-15, 2017

at our **NEW** location:

The Crowne Plaza Princeton Hotel & Conference

Center, Plainsboro, NJ

From: "McCrone Research Institute"

<courses@mcri.org>

Subject: Chemical Microscopy Course July 31-August 4 at Cornell University

SCONYC 39th Annual All-Day Conference and Luncheon

Science Education: Preparing for Success! Saturday, April 8, 2017

8:00 AM - 4:00 PM

On Site Registration begins at 7:45 AM
Stuyvesant High School, 345 Chambers Street
New York, NY 10282: Located at the intersection of
Chambers and West Street

Mystery Photo for Mar 2017



Answer on pg 4

Nanotechnology in Conservation: Dr. Enrico Sassoni, Materials Engineer, Microscopist



Last month: 25 Feb 2017 Focused ion beam (FIB) microscopy in developing an innovative treatment for preservation of marble and limestone architecture and sculpture.



Visitors Always Welcome to NYMS

Although most of our lecture meetings, workshops and classes are held in the NYMS Clifton facility on the last Sunday of the month, the building may be opened for special purposes at other times, by appointment only. For such an appointment, please contact Mel Pollinger by phone at (201) 791-9826, M-F noon to 9:30pm, or by email at pollingmel@optonline.net.

From The Editor ...

if you have an email address: Getting the newsletter by email means you can receive an extended pdf version that cannot be sent by "snail mail." Even if you only continue your USPS delivery of the newsletter, NYMS needs your email address for reporting priority events and special news. Being able to contact you quickly by email means better communication between you & NYMS■■ Mel

Need to use a Microscope or Book?

The various microscopes and library are presently for use on the main floor of the New York Microscopical Society building in Clifton, N.J. To arrange for a visit, please contact John Scott, or Mel Pollinger (see pg 2 for details)

Microscope Cleaning Kit: Only 4 left

A complete set of tools and accessories to keep your microscope in optimum operating condition. The kit is put together by our previous Curator/Educational Chairman, Don O'Leary, and available directly from NYMS, while they last, for only \$40.00 plus shipping & handling, or may be purchased at a meeting. Call or email Mel Pollinger for details (see page two for contact numbers).

NYMS microscope slide collections are available for study at meetings and by appointment.

Errata: The Rochow letter, Patnode images article, although listed on the Feb 2017 Supplement page was moved to the March 2017 Newsletter.

Section of partially submerged tree stump at Mill Creek Marsh Trail, Secaucus, New Jersey. (20170119DSC0776b3x2x100) Photo by MP

ANSWER TO MYSTERY PHOTO ON PG3.

This fellow has some truly superb images which think you and your readers will enjoy.

http://www.mismicrophoto.com/

Warm regards, Richard Howey

Hello everyone,

I thought you might like this article if you have not seen it already.

The Beautiful Brain: The Drawings of Santiago Ramón y Cajal

January 9 – March 31, 2018 | Grey Art Gallery, New York University

New York City, New York, USA http://wam.umn.edu/event/cajal

https://www.nytimes.com/2017/02/17/science/santiagoramon-y-cajal-beautiful-

<u>brain.html?hpw&rref=science&action=click&pgtype=Homepage&module=well-region®ion=bottom-well&WT.nav=bottom-well</u>

Jay Holmes

NYMS Meeting Dates

Most lecture meetings of NYMS are usually held in Clifton on the last Sunday of the months of Jan., Feb., Mar., May, Sep., Oct. Exceptions and additions will be noted in the Newsletter, or by email..

Additional Historical NYMS Supplements

Email Newsletter recipients can also receive copies of NYMS Newsletter pdf back-Issues from 2007. Copies of older newsletters will be included in the supplement section as I convert them.

Attention NYMS Members

Got something to sell? Article to publish? Pictures for the newsletter? Looking to buy something? Want to use the library? Want to use a NYMS microscope? For any of the above, contact the Editor, Mel Pollinger.





Supporting Member



Nanotechnology in Conservation: Dr. Enrico Sassoni, Materials Engineer, Microscopist



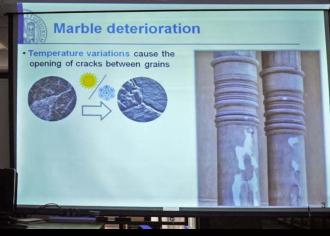
25 Feb 2017 Focused ion beam (FIB) microscopy in developing an innovative treatment for preservation of marble and limestone architecture and sculpture.















Dr. Sassoni, continued



During February 25th Members meeting, an informal presentation:

Dr Robert (Bob) Vetrecin, Ethicon Research Fellow (ret.)

At about 1 PM, during our noon – 2 social and technical period, before our featured speaker, we'll welcome American Microchemical Society President Bob Vetrecin's informal presentation:

"Meet the American Microchemical Society"

Together with several NYMS Board members, Bob Vetrecin is very active in the Organizing Committee / Governing Board of the NYMS-sponsored Eastern Analytical Symposium.

~John Scott







NEW YORK MICROSCOPICAL SOCIETY

AMERICAN MUSEUM OF NATURAL HISTORY

CENTRAL PARK WEST AT SEVENTY-NINTH STREET

NEW YORK, N. Y. 10024

May 15, 1981

Dr. Jerome Metzner, President 16 Pinehurst Street Lido Beach, NY 11561 Mr. Walter W. Aschoff 130 Highwood Avenue Leonia, NJ 07605

Dear Jerry and Walter,

Some time ago I wrote the article on "Who Was Winton Irving Patnode?" for the Society's Newsletter. As far as I know, it has not been published, so I am enclosing a copy for each of you. I had sent a copy to my brother Gene who knew "Pat" even better than I. (All three of us were contemporary at Cornell and took Chemical Microscopy under Chamot and Mason.) Gene sent a copy of the article to his widow, Evelyn Bassage Patnode (also contemporary at Cornell). She wrote to me and offered some of the original commercial photomicrographs of living organisms in natural color. Some of these beautiful photographs (which, by the way, Pat developed himself) were published in the Museum's Natural History magazine.

When Walter wrote me that you are thinking about a microscopical exhibit jointly with the Museum, I wrote to Mrs. Patnode, asking if she would like to contribute Pat's original slides to NYMS, the American Museum of Natural History, or both. She replied affirmatively. I favor ownership by our Society, and control in our library. But I would like to see a few enlarged and displayed in the Museum (at least during our joint exhibit this fall).

These are superb photomicrographs, and have been widely recognized as such. If you accept them, write to Mrs. I. B. Patnode, 1623 Garden Street #1, Santa Barbara, CA 93101 and tell her where she should send them. Then they should be appraised and the value given to Mrs. Patnode for tax deduction. The evaluation could be made by PhotoResearchers, Inc., 60 East 56th Street, New York, NY 10022. They have been agents in sales of copies to publishers, et al. If there is difficulty about royalty, Mrs. Patnode is willing to transfer her interest to the new owner of the original photographs.

Please send me a copy of your correspondence in this regard.

Sincerely,

Ted Rochow

Centennial Celebration 1877-1977 May 14-19, 1977



Bladder campion (Flower, Patnode 1965 transp.), 0.75x (17...



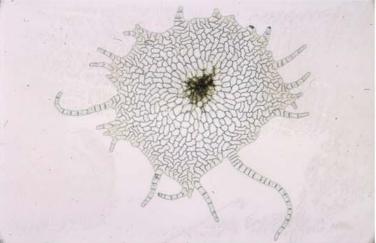
Cedar (Conifer, Patnode 1965 transp.), 1.0x (18532)a6x4x2...



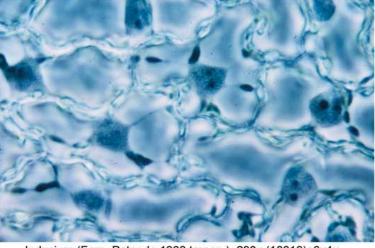
Dandelion (seed, Patnode 1965 transp.), 1.2x (17916)a6x4x...



Dogwood (Fruit, Patnode 1967 transp.), 0.3x (24208)a6x4x2...



Indusium (Fern, Patnode 1963 transp.), 18x (10802)a6x4x2...



Indusium (Fern, Patnode 1963 transp.), 290x (10818)a6x4x...



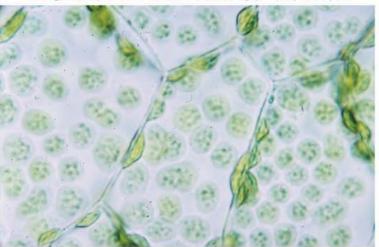
Lichen (Algae, Patnode 1966 transp.), 6.5x (20503)a6x4x20...



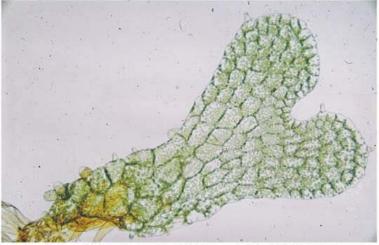
Maidenhair (Fern, Patnode 1965 transp.), 4.0x (17002)a6x4...



Pelargonium (Flower, Patnode 1965 transp.), 1.0x (17602)a...



Plastids (Fern, Patnode 1965 transp.), 310x (16320)a6x4x2...



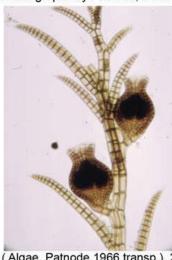
Prothallus (Fern, Patnode 1965 transp.), 30x (16407)a6x4x...



Swordfern (Fern, Patnode 1965 transp.), 1.0x (11827)a6x4x...



Photomicrographs by Patnode, Catalog.jpg



Polysiphonia (Algae, Patnode 1966 transp.), 20x (21004)a...



Sperm (Fern, Patnode 1965 transp.), 500x (16122)a6x4x20...



Zinnia (Flower, Patnode 1965 transp.), 1.0x (17732)a6x4x20...







39th Annual All-Day Conference and Luncheon

Science Education: Preparing for Success!

Register
Early & Save
\$\$\$

Saturday, April 8, 2017

8:00 AM - 4:00 PM

On Site Registration begins at 7:45 AM

Stuyvesant High School 345 Chambers Street New York, NY 10282

Located at the intersection of Chambers and West Streets



Certificate available for SIX HOURS of professional development New York City Department of Education Endorsed

- Keynote Address: Is the Earth Warming or Cooling? Ice Ages and Climate Change.
- Special workshops planned for new and in-service science teachers on understanding of current assessment system
- CTLE CREDIT required for mandatory PD 175 hours required by NYSED will be available for selected workshops as noted in the final program and in updates on our website.
- Informal educational resources available for NYC including museums, zoos, aquariums, environmental and National parks
- Information about textbooks, educational materials, programs and ideas
- Commercially developed educational workshops
- ❖ Easy access via many major subway lines and the NJ PATH system
- Exhibition Hall featuring books, programs, and classroom materials
- Hot buffet luncheon available

For more information visit our website at http://www.sconyc.org

On-line registration and payment available.

*SCONYC is a Non-Profit Organization and an associate member of the National Science Teachers Association

| The Day at a Glance- NEW FORMAT | | | | |
|--|---|---|--|--|
| 7:45-9:30 AM Walk in Registration | | | | |
| 7:45-9:00 8:15-9:15 9:15-12:00 10:30-11:30 | Coffee, Tea and Muffins Session A Exhibits and Free Materials Session B | 11:45-12:45 12:45-1:45 1:45- 2:45 3:00- 4:00 | Keynote Address Luncheon Session C Session D | |
| 4:00 PM Certificate of Completion of Six Hours of Professional Development and Door Prize Giveaway | | | | |

Member Associations of SCONYC

Catholic Science Council-Diocese of Brooklyn - Chemistry Teachers Club of New York - Educators for Gateway - Elementary School Science Association - New York Biology Teachers' Association - New York Microscopical Society - New York State Marine Education Association - Physics Club of New York - Science Supervisors Association - Science Teachers Association of New York State (NYC Section)

Associate Members

Environmental Education Advisory Council- United Federation of Teachers Science Committee
New York State Science Olympiad, Inc.- United Federation of Teachers Outdoor-Environmental Education Committee

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| reasorer | Lew Maleriek | Program | presenters@sconyc.org |
| | | Registration | Ellen Mandel Emandel@schools.nyc.gov |
| | | Vendor/ Exhibit | Dawn Adams Campbell DLAsconyc@gmail.com |
| | | Program and Booklet | Alan Ascher Dahlia McGregor programbook@sconyc.org |
| | | Facilities | Elizabeth Fong Guy de Baere |

"David Kraus Lecture"

KEYNOTE ADDRESS:

Is the Earth Warming or Cooling? Ice Ages and Climate Change

Dr. Athanasios Koutavas

College of Staten Island



Man-made climate change is considered by many the most vexing environmental problem of our time. In this talk I will place this issue in a broader scientific context and argue that much of the anxiety surrounding it is unnecessary and counterproductive. Climate Change is a real phenomenon but must be viewed in a proper philosophical and scientific context which acknowledges that we live on a dynamic planet, where changing natural phenomena and environmental perturbations are part of the natural order.

Registration Form: NEW REGISTRATION PROCEDURE

- 1. Register and pay online using your credit card at http://www.sconyc.org
- 2. Mail Registration

Kindly use a

registration form

separate

for each participant.

Print registration form from website or use a printed flyer and mail with a check or money order payable to *SCONYC*, before deadline mail it to

Ellen Mandel 1225 Round Swamp Road Old Bethpage, NY 11804-1131

| , , , | | Old Bethpage, NY 11804-1131 | | | |
|---|---|--|---|--|---|
| use a separate form. Please PRINT all information. Please duplicate this form as needed. Payments MUST be postmarked by March 10, 2017 to be eligible for the early bird discount. FINAL date for MAIL (Postmarked) or ON-LINE REGISTRATION March 31, 2017. | | | | | |
| Last Name: | | First Name | 2: | | M. l. : |
| Home Address: _ | | | | | |
| City: | | State: | ZIP Code: | | _ |
| Home Phone Nur | nber (with area code) _ | Cell F | Phone Number (| with area code |) |
| E-mail: | | | | | |
| School or Instituti | on: | | | | |
| School Phone Nu | mber (with area code) | | ext | _ | |
| 3 | e Teacher Superv Early Childhood Eleme ion(s) Check box(s) for all uncil c Club of NY vay Science Assoc. eachers' Assoc. pical Society | | Education rk ociation | ochool (9-12) nember. E N N U | r College EAC STA YS Science Olympiad FT Science FT Outdoor Ed/ Env |
| On Site Registration 7:45 AM on April 8, 2017 At Stuyvesant High School | | | Early Bird Registration must be postmarked by 3/10/17 | General Registration On-line or by mail postmarked by 3/31/17 | On-Site |
| _ | uate or Full-Time Graduat ID, current course schedul | te College Student. include e, and instructor's name | \$20 | \$25 | \$30 |
| Teachers, Informal Educators, Part-time college students and all others. | | \$35 | \$40 | \$45 | |
| Hot Buffet Lunch | | | \$15 | \$15 | \$15 if available* |
| Total Amount Enclosed: | | On-line registration and form along with your chellen Mandel 1225 Round Swamp R Old Bethpage, NY 118 Payment must be receive | oad 804-1131 | <u>er</u> payable to SC | ONYC to: |

mail until March 31, 2017

Registration Discount. General Registration will be accept on-line and by

*We cannot guarantee the availability of meal tickets for sale on site.

Main Identity

From: "McCrone Research Institute" <courses@mcri.org>

To: <pollingmel@optonline.net>

Sent: Tuesday, March 07, 2017 10:03 AM

Subject: Advanced Forensic/Advanced PLM Microscopy Course at McCrone Research Institute, Chicago



Advanced Forensic / Advanced PLM Microscopy Course

At McCrone Research Institute, Chicago May 22 - 26, 2017

McCrone's Advanced Forensic Microscopy / Advanced Applied Polarized Light Microscopy course will review Köhler illumination and all polarized light microscopy (PLM) techniques. Single polar: shape, size, surface, homogeneity, association, transparency, color, pleochroism, image contrast, refractive indices, dispersion staining. Crossed polars: retardation, birefringence, anomalous polarization colors, extinction, sign of elongation, interference figures, correlation of optics and morphology, etc. Observations will be applied to hair, fibers, glass, minerals, drugs, explosives, gunshot residue, white powder, and general dust samples. Learn more and register online



Other McCrone Courses

Select a title to read the course description and register online:

Microscopical Identification of Asbestos -- March 13-17

Asbestos Fiber Counting [NIOSH 582] -- May 1-5

Food Microscopy -- May 8-12

Scanning Electron Microscopy and X-ray Microanalysis -- May 8-12

Microscopical Identification of Asbestos -- May 22-26

View all 2017 Microscopy Courses

McCrone Microscopy Courses by Category

Asbestos, Fungal Spore, Pollen, Dust, and Other Indoor Air Quality Courses

PLM, Forensic Microscopy, and Advanced Microscopy Courses

SEM, FT-IR, Fluorescence, Raman, Sample Prep, and Other Micromethods Courses

Specialty Microscopy and Other Courses

Visit www.mcri.org for full descriptions of all courses, secure online registration, hotel information, and more.

Since 1960, McCrone Research Institute in Chicago has offered intensive courses in microscopy that emphasize the proper use of the microscope and more specialized microscopy, focusing on a particular technique, material, or field of application. All courses are hands-on, featuring lectures, demonstrations, and laboratory practice.

We look forward to seeing you in Chicago!



McCrone Research Institute: 2820 S. Michigan Avenue, Chicago IL 60616-3230 Phone: 312-842-7100

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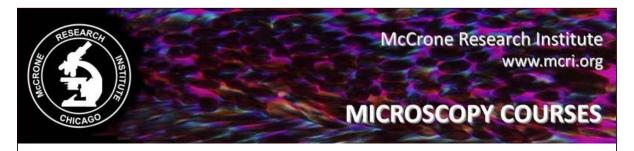
Main Identity

From: "McCrone Research Institute" <courses@mcri.org>

To: <pollingmel@optonline.net>

Sent: Thursday, February 23, 2017 11:34 AM

Subject: Chemical Microscopy Course, July 31-August 4 at Cornell University

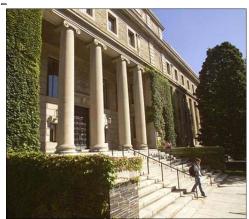


Chemical Microscopy Course

At Cornell University, Ithaca, NY July 31 - August 4, 2017

McCrone's **Chemical Microscopy (1202)** is a graduate-level applied polarized light microscopy (PLM) course that covers all the necessary techniques of PLM for identifying and analyzing optical and chemical properties of small particles. In this hands-on course, students will learn how to:

- Perform reliable PLM operations and techniques
- Identify small particles, including organic and inorganic chemical compounds
- Characterize fibers from animal, mineral, vegetable, and manmade origin
- Perform microchemical and microcrystal tests
- Practice visual/thermal methods
- Study crystals and optical crystallography



-Baker Laboratory at Cornell University

Lectures and laboratory demonstrations using video for macro- and microprojection will cover PLM theory, techniques, and interpretation. Each student will perform applicable exercises on the polarized light microscope.

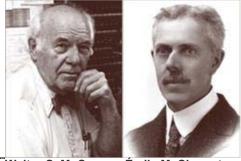
This course is taught by Dr. Gary J. Laughlin, senior research microscopist at McCrone Research Institute. Learn more and register online

Chemical Microscopy at Cornell

Émile M. Chamot, the preeminent authority in the application of the microscope to chemistry and the "father of chemical microscopy," did his senior research thesis

at Cornell University with Professor George Caldwell, the first head of the Chemistry Department. Baker Laboratory, where Chamot taught, is the birthplace of chemical microscopy in the United States.

Walter C. McCrone, founder of McCrone Research Institute in Chicago, obtained a B.S. in chemistry (1938) and a Ph.D. in chemical microscopy (1942) from Cornell. He spent two additional years doing his



Walter C. McCrone Émile M. Chamot

post-doc research with Professor Chamot. McCrone Research Institute, where McCrone developed and taught additional courses, is now a center of microscopy education and research.

Other McCrone Courses

Select a title to read the course description and register online:

Microscopical Identification of Asbestos -- March 13-17

Asbestos Fiber Counting [NIOSH 582] -- May 1-5

Food Microscopy -- May 8-12

Fluorescence Microscopy -- May 16-18

View all 2017 Microscopy Courses

McCrone Microscopy Courses by Category

Asbestos, Fungal Spore, Pollen, Dust, and Other Indoor Air Quality Courses

PLM, Forensic Microscopy, and Advanced Microscopy Courses

SEM, FT-IR, Fluorescence, Raman, Sample Prep, and Other Micromethods Courses

Specialty Microscopy and Other Courses

Visit www.mcri.org for full descriptions of all courses, secure online registration, hotel information, and more.

Since 1960, McCrone Research Institute in Chicago has offered intensive courses in microscopy that emphasize the proper use of the microscope and more specialized microscopy, focusing on a particular technique, material, or field of application. All courses are hands-on, featuring lectures, demonstrations, and laboratory practice.



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NEW YORK MICROSCOPICAL SOCIETY BULLETINS

The following original-print bulletins can be purchased by NYMS members. The bulletins are limited in number and can be purchased, while they last, at \$2.00 each, 8 copies for \$10 plus \$2.00 S&H. Also, in limited supply are original-print NYMS journals, while they last at \$5.00 each. The journals date back to 1896. The bulletins, Journals and other out-of-archive publications may be viewed at the NYMS Library in our building in Clifton, New Jersey. If interested in owning a part of NYMS history, please contact Mel Pollinger by email pollingmel@optonline.net or by daytime phone at (201) 791-9826

Vol. 1 New York, N. Y., January, 1937 No.3 COLLECTING RECENT DIATOMS By JOSEPH F. BURKE Vol. 1 New York, N. Y., February, 1937 No. -4 PREPARING RECENT DIATOMS By JOSEPH F. BURKE Vol. 1 New York, N. Y., November, 1937 No.5 MOUNTING RECENT DIATOMS By JOSEPH F. BURKE Vol. 3 New York, N. Y. June, 1951 No: 1 PREP ARA TION OF METAL FOR MICROSCOPICAL EXAMINATION by F. Gordon Foster Fellow, New York Microscopical Society Vol. 1 New York, N. Y., December, 1936 No.2 MAKING A ROCK SECTION By GEORGE E. ASHBY Vol. 1 New York, N. Y., February, 1936 No.1 THE MYCETOZOA By ROBERT HAGELSTEIN Vol. 2 New York, N. Y., April, 1944 No.1 THE HISTORY OF THE MICROSCOPE By ROBERT HAGELSTEIN Vol. 1 New York, N. Y., January, 1940 No.6 MOUNTING INSECTS BY THE PRESSURE METHOD, By Roy M. ALLEN

Main Identity

From: "Eastern Analytical Symposium & Exposition" <newsletter@eas.org>

To: <pollingmel@optonline.net>

Sent: Wednesday, March 01, 2017 11:05 AM Subject: EAS - Call for Papers is Now Open

Abstract submission details & to submit go to eas.org/asubmit



CALL FOR PAPERS

Join us November 13-15, 2017 at our **NEW** location:

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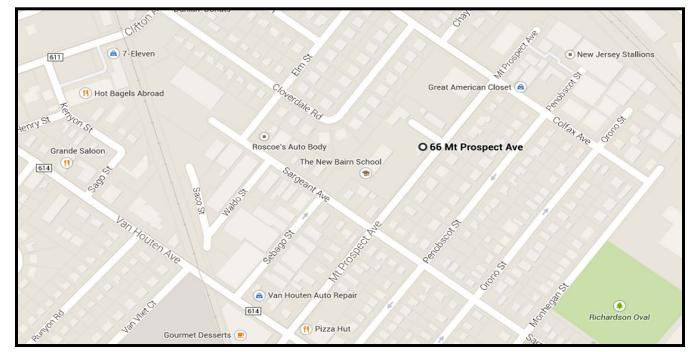
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<u>Directions to NYMS Headquarters</u>

One Prospect Village Plaza (66F Mount Prospect Avenue) Clifton, NJ 07013 GPS: Intersection of Colfax & Mt. Prospect: Latitude 40.8656 N, Longitude 74.1531W, GPS: Our building: Latitude 40.8648 N, Longitude 74.1540 W

From George Washington Bridge:

Take Interstate Route 80 west to Exit 57A, Route 19 South. Take Route 19 to Broad Street and continue two lights to Van Houten Avenue. Turn Left. Go to second light, Mount Prospect Avenue and turn left. Building 66F is on the left side, one and a half blocks from Van Houton.

From Lincoln Tunnel:

Follow exit road to NJ route three west. Continue to Bloomfield Avenue exit. Turn right to Circle and go three quarters to Allwood Road West. Mount Prospect Avenue is a few blocks on the right (a small street) Turn right and go to first light (Van Houton) continue. Building 66F is on the left side, one and a half blocks from Van Houton.

From North:

Take Garden state Parkway South to Route 46 Clifton Exit. On 46 Make second exit to Van Houton Ave. Continue to third light Mount Prospect Avenue and turn left. Building 66F is on the left side, one and a half blocks from Van Houten.

From Route 46 coming from west:

Take Broad Street Exit in Clifton and follow Directions above from GW Bridge.

<u>From route 46 coming from East:</u> Take Paulson Avenue Exit in Clifton and follow to Second light, Clifton Ave turn right. Go to next light, Colfax, turn left, go three blocks and turn right on Mount Prospect Ave.. Building 66F is half block on right.

Public transportation from NY:

Take NJ Transit train from Penn Station to Secaucus Transfer Station. Change trains to Bergen Line to Clifton (call NJ Transit for schedules). From Clifton Station cross under tracks to first street and go left one block to Mount Prospect Street, turn right and Building 66F is one half block on Right.

If you plan to come by bus or train, please copy the links below into your browser:

http://www.njtransit.com/sf/sf_servlet.srv?hdnPageAction=TripPlannerItineraryTo http://www.njtransit.com/sf/sf_servlet.srv?hdnPageAction=BusSchedulesP2PTo http://www.njtransit.com/sf/sf_servlet.srv?hdnPageAction=TrainTo

New York Microscopical Society Items For Sale

29-Feb-2016

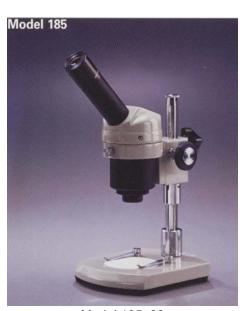
N.Y.M.S. Microscope Covers

| Item # | Size | Member Price | List Price |
|---------|--|--------------|------------|
| MT-003 | Small Microscope or Stereo, 15"W x 17"H | \$18.00 | \$20.00 |
| MT-004 | Lab Microscope or Large Stereo, 20"W x 18"H | \$23.00 | \$25.00 |
| MT-005 | Large Lab Scope, 22"W x 21"H | \$28.00 | \$30.00 |
| MT-009 | Large Lab Scope with Camera, 9"W x 19"Deep x 23"H | \$31.00 | \$33.00 |
| MT-010 | Universal Scope with Camera, 11"W x 25"Deep x 23"H | \$36.00 | \$40.00 |
| MT-012 | X-large Scope | \$45.00 | \$50.00 |
| | N.Y.M.S. Microscopes (see below for im- | ages) | |
| 185 | Monocular Dissecting Microscope | \$85.00 | \$99.00 |
| 131 | H.S. Student Microscope | \$190.00 | \$245.00 |
| 131-FLU | H.S. Student Microscope (Fluorescent) | \$200.00 | \$255.00 |
| 125-LED | H.S. Student Microscope (LED) | \$240.00 | \$309.00 |
| | Other Items | | |
| | NYMS Glossary of Microscopical Terms | \$30.00 | \$35.00 |
| | NYMS Patch | \$5.00 | \$7.00 |
| | Microscope Cleaning Kit* | \$40.00 | \$45.00 |
| | NYMS Lapel Pin | \$10.00 | \$15.00 |
| | NYMS Engraved Pen | \$7.00 | \$10.00 |
| | Rotifer Book by Howard Taylor *When available | \$20.00 | \$40.00 |



Model 131: Tungsten

Model 131-FLU: Fluorescent



Model 185: 20x



Model 125-LED Cordless

New York Microscopical Society



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| Academic and Hon | orary Degrees: | |
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Live water mite, Arthropoda: Acari: Hydrachnida, by Tony Thomas (See page 3 of 4 for additional information)

