



# Newsletter

Of the

## New York Microscopical Society

1 Prospect Village Plaza  
(66F Mt. Prospect Avenue)  
Clifton, New Jersey 07013-1918



January 2009

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

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## New Year's 2009 Speaker Announcement

### New York Microscopical Society 2009 Winter Lecture Series

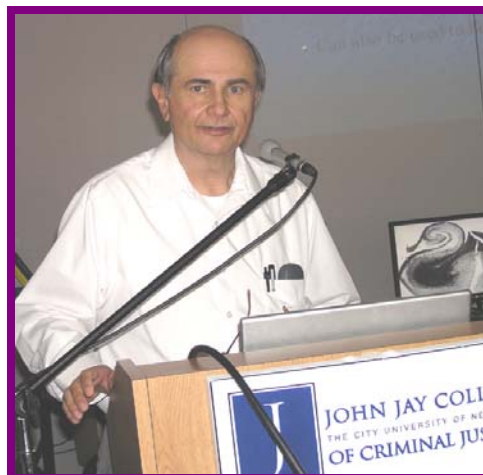
#### Microscopy and analysis in art conservation practice

John Scott, FNYMS, FRMS, PA-AIC,  
Conservator–Analyst

Sunday, February 1st 2009, 2:00pm,  
New York Microscopical Society  
One Prospect Village Plaza  
Clifton, New Jersey

NYMS Fellow and Life Member the conservator-analyst John Scott practices cultural heritage conservation, mostly in the mid-Atlantic and Northeastern USA regions around New York City. John will sketch relations between the study and preservation of cultural heritage, and the history and analysis of materials and structures. John will show interesting structures and materials, and describe how microscopy and related analytical methods have enabled and enhanced success in recent consulting and applied cases.

NYMS members and their guests are welcome to join the speaker for lunch at 12 noon at Charlie Brown's Restaurant (1296 Van Houten Avenue, Clifton, NJ 07013, 973-471-1400). Please contact Angela Klaus (avklaus2@yahoo.com; 201-988-6251) by noon on Saturday, Jan 31st to RSVP for lunch.  
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*Joseph Orosz Dies – See page four and go to NYMS website for additional information*

#### 2008 Banquet – “Soft Opening”



(See attached application for Polarized Light Course in May 2009)

## **N.Y.M.S. BOARD OF MANAGERS**

### **President**

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### **Vice President**

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### **Secretary**

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No information  
No information  
No information

### **Past President**

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### **Past President**

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### **Board Member**

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### **Archivist & Associate Curator**

John Scott

**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.

### **Dues and Addresses**

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

Junior (less than 18 years old) \$10  
Annual \$30 (students  $\geq 18$  years old) \$20  
Supporting \$60  
Life \$300 (payable within the year)  
Corporate \$175 (includes one advertisement in NYMS News)

To avoid missing notices:  
Notify Mary if you have changed your address, phone or email.

### **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.

***Buy and Read a Good Book on Microscopy***



**Antique Microscope (NYMS collection) as shown in the upper right corner of page one:**

The microscope was made by Watson & Sons of London late 19. or early 20th. century. There is a similar one pictured in the catalog of the Billings collection fig.

220, except that it has two fine focus screws. That particular version is called the "van Heurck Model". Van Heurck is a Belgian Microscopist with input in the design of some of the features. His book "The Microscope" evaluates just about every microscope of the era and he was, among other things, a noted diatomist. NYMS has at least one copy of "The Microscope" in its library. Van Heurck knew Ernst Abbe who sent him an experimental monobrome naphthalene immersion objective of nA 1.6 for evaluation. Some micrographs of *Amphipleura pellucida* are shown in Carpenter.

You will find plenty of information on the internet.  
[www.arsmachina.com](http://www.arsmachina.com)  
[www.br.fgov.be/public/general/history/vanheurck.php](http://www.br.fgov.be/public/general/history/vanheurck.php)

Photo by Mel Pollinger, text by Jan Hinsch

## President's Message



This year marked a milestone for the New York Microscopical Society (its 131<sup>st</sup> year!) with its move to its permanent home in Clifton, New Jersey. This

was celebrated first with a "soft opening" a couple months ago, and then with our Annual Banquet on December 7<sup>th</sup>, where guests were treated to a gourmet catered lunch amidst the wonderful displays of books, slides, samples, antique and teaching microscopes. This setting alone propagated lively conversation, in addition to old friends catching up with each other since our last Banquet.

The move was a monumental effort, for which many



bestowed upon a candidate only once, and both Don and Mel are already recipients of the award because of their years of outstanding contribution to the Society.

Vice-President Dr. Angela Klaus and I wanted to



**Presidential Appreciation Award.** Much to their surprise, Angela and I presented the award to Don and Mel at the Annual Banquet as well, at which time all in attendance gave a hearty round of applause and shouted their thanks to Wiebke Hinsch, Donald O'Leary and Mel Pollinger.

NYMS members volunteered their time to assist in several ways. Conspicuous by their seemingly endless energy were Wiebke Hinsch, Don O'Leary and Mel Pollinger. To recognize their contribution, the NYMS Board voted unanimously to give Wiebke Hinsch the Ashby Award, whose recipients are those who have performed exemplary services to the New York Microscopical Society. I had the privilege of presenting the award to Wiebke at the Annual Banquet last. The Ashby Award is normally



After the awards, Dr. John R. Reffner, team leader of the microscopy group at Rohm and Haas, treated us to a superb presentation entitled "Application of Microscopy to Industrial Problem Solving". The presentation was interspersed with lively questions and answers, and more detailed explanations of several novel applications of microscopy for troubleshooting a variety of problems. Once again, it was made clear that microscopy is a superb analytical tool and should be exploited whenever possible. The Banquet concluded with coffee and cake, the afternoon seemingly having flown by.

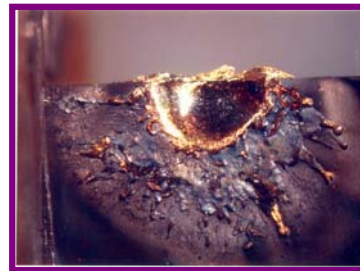
Best wishes to all for the Holiday Season.  
 Peter Diaczuk, President  
 (Banquet images taken by Mel Pollinger & Jeff Glover)

A Season's Greetings card to all the members of NYMS was received from Frederick Smokay, a long-time member from Florida, who has recently celebrated his 90<sup>th</sup> birthday. Happy Birthday Fred and a Happy and Healthy New Year, From all your friends at NYMS.

### Joseph Orosz In Memoriam

Joseph Orosz passed away at age 62 on Friday, December 26, 2008 after complications following a stroke. The memorial service for Joe was held on January 7, 2009 at 10 AM at the Norman Dean Funeral Home in Denville, New Jersey. Joe had been a Member of the Board and its Secretary. Joe was also awarded the Ashby award for outstanding services to the New York Microscopical Society. He was a good friend. We offer his family our heartfelt condolences. He will be missed. (See nyms.org for add'l information)

### Answer to September 2008 Mystery photo



The photo, submitted by Peter Diaczuk, is the prong of an electric plug that suffered a 110 volt fault to ground from a loose copper wire that touched it while it was energized but not completely pushed into the outlet. The shiny part is exposed copper metal and the darker globs are the "splash" of molten metal and oxidized products created by the intense heat of the arc, until the over-current was detected and the circuit breaker tripped. No winners.

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Mystery Photo – Do you think you know what it is? Email or phone me your answer. > Mel

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**Need a Microscope or part?**  
 Visit NYMS' Surplus Department when you visit NYMS at our new home in Clifton, New Jersey.

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**\*Historical Volume Numbering for NYMS' Newsletters will be continued.**

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](mailto:pollingmel@verizon.net) (images accepted) or  
 Mel Pollinger, Editor  
 NYMS Newsletter  
 18-04 Hillery Street  
 Fair Lawn, NJ 07410

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Regarding how you can receive future newsletters, you may choose one of the following methods:

1. Regular mail, folding may damage images: Do nothing.
2. Email with undamaged full color images, pdf file: Needs your active email address.